California Department of Transportation

Stormwater Management Program

District 8 Work Plan

Fiscal Year

2018-2019

CTSW-RT-17-316.11.1

California Department of Transportation
Division of Environmental Analysis
Stormwater Management Program
464 W 4th Street, San Bernardino, California 92401

http://www.dot.ca.gov/hq/env/stormwater

October 1, 2017

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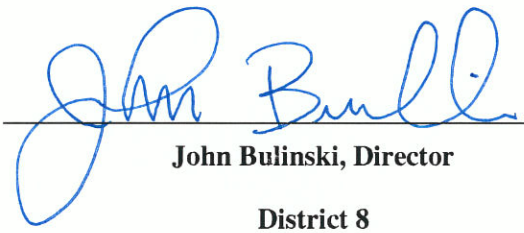
California Department of Transportation
District 8 Certification
District Work Plan 2018-19

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]



9/19/17

John Bulinski, Director — **Date**

District 8

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1 Introduction

General Information about the District Work Plan

The District Work Plans (DWPs) describe the organization of each California Department of Transportation (Caltrans) District's stormwater program and outline the planned stormwater activities for the upcoming fiscal year. They are prepared and submitted on October 1 each year. Since the DWP is District-specific, each Regional Water Quality Control Board (RWQCB or Regional Board) is provided a copy of the DWPs relevant to their jurisdiction.

This DWP presents information about District 8's water bodies, Best Management Practices (BMPs), and monitoring programs. It describes how the District will specifically implement the requirements of the Statewide Stormwater Management Plan (SWMP) during fiscal year 2018-19. Implementation activities will be conducted in accordance with the procedures presented in the SWMP. In addition, this DWP fulfills Provision E.3.b of the *National Pollutant Discharge Elimination System (NPDES) Statewide Storm Water Permit Waste Discharge Requirements (WDRs) for State of California Department of Transportation* (Order Number 2012-0011-DWQ, NPDES Number CAS000003, Effective July 1, 2013) (NPDES Permit). The NPDES Permit was amended by Orders WQ 2014-0006-EXEC (January 17, 2014), WQ 2014-007-DWQ (May 20, 2014), and WQ 2015-0036-EXEC (April 7, 2015). A conformed NPDES Permit was issued on April 7, 2015 (Conformed NPDES Permit), available on the California State Water Resources Control Board's (SWRCB) website:

http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2012/wq2012_0011_dwq_conformed_signed.pdf

The DWP's eight sections describe how the District plans to implement the stormwater program during the upcoming fiscal year. Section 1 introduces the DWP, describes its organizational structure, and identifies the key goals and commitments made by the District for the upcoming fiscal year. Section 2 describes the personnel with stormwater operations responsibilities in the District. In Section 3, the District's facilities are listed and categorized by type and location. Section 4 describes and identifies the high-risk locations where spills from the District's owned rights-of-way, roadways, or facilities could discharge directly to a drinking water reservoir or groundwater recharge facility. In Section 5, the District's road segments that are prone to erosion are identified. Section 6 summarizes the District's implementation activities, including projects that will be in the design and construction phases during the fiscal year, maintenance projects, and planned stormwater monitoring activities. Section 7 identifies the planned region-specific activities (if applicable) to address the requirements listed in Attachment V of the Conformed NPDES Permit. Section 8 identifies deviations that occurred from the prior DWP that resulted or will result in noncompliance with the Conformed NPDES Permit or SWMP and describes improvements performed in response to the incidents of noncompliance.

District Goals and Commitments

The District 8 stormwater quality program will implement the following:

- **NPDES Office of Stormwater Quality (OSWQ) (J. Bumps):** The District will continue to implement the July 2016 SWMP. The NPDES OSWQ will continue to improve municipal coordination.
- **Stormwater Design & Hydraulics (R. King):** The Stormwater Design & Hydraulics unit will continue to promote and implement Low Impact Development principles in highway and drainage design, through participation on Project Development Teams and reviews. The Stormwater Design unit will assist the District NPDES Coordinator in implementation of the State Highway Operation Protection Plan (SHOPP 201.335) program and achieving Compliance

Units required by the Caltrans 2012 NPDES Municipal Separate Storm Sewer System (MS4) Permit. The Stormwater Design unit will continue to train Project Engineers who prepare Stormwater Data Reports (SWDRs).

- **NPDES Construction (Siong Yap):** The Construction Division will participate on Project Development Teams and Constructability Reviews to get quality biddable and buildable projects. Construction will continue training and assisting Resident Engineers (REs) and other field staff in field implementation and Statewide Construction General Permit (CGP) requirements to attain Department goals. Construction will continue to assist REs and field staff in completing projects that are compliant throughout the length of the project, will continue to manage the Stormwater Portal, and coordinate with the RWQCBs so the District can continue to deliver compliant projects.
- **NPDES Maintenance (L. Estrella):** The Maintenance Division will continue to review projects under development and inspect them at the 90-percent walkthrough to ensure treatment BMPs are accessible and maintainable in the long term.
- **NPDES Permit (T. Nguyen):** The Encroachment Permits Division will implement the Encroachment Permits Manual, Chapter 400, Section 406. Each encroachment permit application will be reviewed for potential stormwater impacts, and stormwater controls will be implemented by a tiered system. Projects requiring coverage under the CGP must show evidence of coverage prior to issuance of the encroachment permit.

2 District Personnel and Responsibilities

Section 2 of the DWP describes positions, addresses, and telephone numbers of personnel with responsibilities for stormwater operations within the District. This section also identifies positions having signatory authority for various notifications or documents required for submittal by a District (e.g., Project Registration Documents, including Notices of Intents or NOIs).

District NPDES Stormwater Coordinator

The District NPDES Coordinator (DNC) oversees the stormwater quality program and is responsible for implementing an effective program in the District. In addition, the DNC is a liaison between Headquarters (HQ) and District Division Chiefs (DDCs) to ensure the effective communication, collaboration, and coordination of stormwater activities. The DNC also provides support, direction, and guidance to the other Stormwater Coordinators.

The DNC is responsible for informing each Division of statewide stormwater quality policies and guidance in District 8 and daily management of the District's stormwater quality program. The DNC is responsible for identifying issues, developing recommendations related to stormwater quality, and coordinating with the HQ Division of Environmental Analysis concerning water quality issues that affect the District. The DNC supervises staff who support the DNC with the Stormwater Management Program.

The responsibilities of the DNC include the following:

- Providing guidance and direction for the preparation, development, and implementation of a comprehensive District Stormwater Management Program, as directed in the DWP.
- Serving as the signatory authority in the District for SWDRs produced in each phase of project development.
- Evaluating needs and making recommendations for the stormwater workload allocations for the District 8 Office of Stormwater Quality (OSWQ) for each fiscal year.
- Coordinating and tracking resource distributions, workloads, and projects within the OSWQ.
- Providing guidance and direction necessary to develop strategies for addressing regulations and mandates on stormwater discharges set forth by federal, state, and local regulatory agencies.
- Representing the District as the primary liaison on stormwater and waste discharge issues with HQ, local MS4 co-permittees, the four RWQCBs in the District, the U.S. Environmental Protection Agency (EPA), and the State Board.
- Representing the District on the Water Quality Stormwater Advisory Team (WQSWAT) identified in the SWMP.
- Leader and Chairperson of the District 8 NPDES Task Force and the SHOPP 201.335 program.
- Providing District input on research proposals and implementation, development of training classes, and other work initiated by HQ.
- Initiating, directing, and overseeing stormwater Total Maximum Daily Load (TMDL) task order or contract in the District.

Although the Chief of the OSWQ in the Division of Engineering Services has been designated as the District NPDES Coordinator. The stormwater responsibilities are in addition to and separate from the responsibilities of the OSWQ.

Environmental Engineering Coordinator

The District Environmental Engineering Coordinator (EEC) is responsible for communicating with the DDC of Environmental Planning and the Environmental Engineering Office Chief for the proper implementation of the environmental engineering portion of the SWMP and DWP. The EEC ensures that the staff supports and properly executes the activities defined in the SWMP and DWP. The specific stormwater tasks for which the EEC is responsible include the following:

- Determination and evaluation of stormwater impacts during California Environmental Quality Act and/or National Environmental Policy Act screening for hazardous wastes.
- Provide information to the DNC regarding projects that invoke the Department of Toxic Substances Control (DTSC) Lead variance for soils containing aerially deposited lead.

Maintenance Coordinator

The Maintenance Coordinator (MC) is a Maintenance Superintendent responsible for communicating with the Deputy District Director of Maintenance and the Maintenance Supervisors regarding the proper implementation of maintenance-related sections of the SWMP and DWP. The MC reports all Illegal Connection/Illicit Discharge (IC/ID) activities to the DNC and coordinates stormwater training for maintenance staff, as well as oversees inspections of maintenance facilities and operations relative to Caltrans NPDES Permit compliance. The MC is chairperson of the Maintenance Operation Team that meets routinely to discuss water quality issues, update the Maintenance portion of the DWP, and compile information for the Annual Reports, as well as the SWMP. The MC serves as the conduit for information between the DNC and maintenance offices, as well as the HQ Maintenance Program, including the Maintenance SWAT identified in the SWMP.

Construction Coordinator

The Construction Coordinator (CC) is a senior-level employee responsible for developing stormwater quality guidance and for the daily management of the Division of Construction's stormwater quality program. The CC is responsible for providing guidance to the RE, in an advisory capacity, regarding the proper implementation of the SWMP and the DWP within the Division. The CC is also the functional manager of the Construction NPDES/Environmental unit. This unit oversees implementation of the Caltrans Construction NPDDES program requirements in the field during the construction phase of each project and reviews projects in the Plans, Specifications, and Estimates (PS&E) phase to ensure adequate temporary BMPs have been included and to assist the RE with Notice of Termination (NOT), which is part of the project close out. The specific tasks for which the CC is responsible include the following:

- Serving as the primary point of contact for stormwater issues during the construction phase of each project.
- Developing and administering stormwater training for construction staff.
- Reviewing and recommending approval of Stormwater Pollution Prevention Plans (SWPPP) and Water Pollution Control Programs (WPCP) as requested by the RE.
- Tracking critical compliance milestones that occur before and during the course of construction.
- Conducting final project closeout inspections.
- Reviewing the Notice of Termination for SWPPP projects.
- Submitting approved SWPPPs to the RWQCBs as requested.
- Submitting reports to the RWQCBs as requested.

- Providing oversight inspections for highway projects administered by entities outside Caltrans.
- Reviewing, preparing, and submitting Threat of Discharge reports.
- Preparing and submitting IC/ID Reports for Construction.
- Representing Construction in the District's NPDES Task Force Meetings.
- Providing input to the Annual Report.
- Participating on the Construction SWAT described in the SWMP.
- Accompanying RWQCB in joint reviews as requested by the Water Board during the construction.
- Accompanying HQ staff in unannounced Independent Quality Assurance (IQA) reviews.
- Conducting projects monthly IQA reviews.
- Ensuring that every job receives a monthly IQA review.
- Updating the Stormwater Portal.
- Reviewing project documents during all phases of project development and providing input to the designer in determining specific project needs for temporary water pollution control during construction.

The CC ensures that all enforcement actions or corrections requested by the Regional Boards are promptly implemented, and documented. The CC serves as the primary conduit for information during the construction phase for the RWQCBs, HQ Construction, and construction field staff. The CC supports the design-related functional units.

Right-of-Way (ROW) Coordinator

The Right-of-Way (ROW) Coordinator for the NPDES Task Force is currently a District Branch Chief of Property Management. This Coordinator is responsible for the following:

- Ensuring that stormwater training is available to ROW agents tasked with property inspection responsibilities.
- Ensuring that regular property inspections include stormwater inspections.
- Maintaining documentation of the inspection findings and corrective actions.
- Disseminating information and answering questions regarding Caltrans' stormwater policy to all ROW staff involved in stormwater inspections.
- Notifying the NPDES Task Force and/or the DNC of discharges or situations that appear to be in violation of Caltrans NPDES Permit, SWMP, or DWP.
- Reporting instances where ROW conducts construction activities that require the development of an SWPPP and related notification.

Engineering Services (Hydraulics) Representative

The Stormwater Design Coordinator (DC) is a licensed Civil Engineer. The DC is a member of the District NPDES Task Force responsible for providing information on permanent erosion control measures in waterways within the ROW, whether natural or man-made, except those structures assigned with a State Bridge Number, in which case erosion, scour, and related calculations are performed by HQ Hydraulics Structures. The Stormwater DC is also responsible for Rapid Stability Assessments and

Hydromodification Analysis and Mitigation. The DC ensures that the management and staff of the Stormwater Design/Hydraulics Branch are knowledgeable of the DWP and various water pollution control efforts and commitments for minimizing or preventing pollutants from being present in discharges. The DC ensures that the design processes utilized by the Stormwater Design/Hydraulic Branch are consistent with the DWP and the SWMP, especially those processes related to the evaluation, selection, and design of permanent control and treatment control measures.

Public Affairs Coordinator

The Public Affairs Coordinator is a member of the NPDES Task Force, which is responsible for maintaining an effective public information program as specified in this DWP and any elements of the SWMP that are attributed to the District. The Public Affairs Coordinator is directly responsible for the following:

- Ensuring the publication of stormwater articles within District publications (e.g., newsletters and public information flyers).
- Ensuring that stormwater information is available at public events where Caltrans participates in public outreach, such as county fairs and environmental awareness events.

Encroachment Permits Stormwater Coordinator

The Encroachment Permits Stormwater Coordinator is a member of the NPDES Task Force, which is responsible for ensuring that the District Office of Encroachment Permits complies with the Caltrans NPDES Permit, SWMP, and DWP. The Office of Encroachment Permits is responsible for issuing encroachment permits to local agencies, utility companies, and others (e.g., film production companies, marathon sponsors, etc.) requesting an encroachment into Caltrans' ROW for conducting construction, maintenance, or other activities consistent with their organization. The Encroachment Permits Stormwater Coordinator ensures that all encroachment permits issued to those encroaching into Caltrans' ROW comply with the Caltrans NPDES Permit in a manner that is consistent with what is required of Maintenance, Construction, and Design.

Landscape Architecture Coordinator

The Landscape Architecture units facilitate the incorporation of permanent erosion control measures into the planning, design, and construction of all projects in District 8. The District Landscape Architect or his delegate is the Landscape Architecture Coordinator (LAC), who is the primary point of contact between the other functional units, the NPDES Task Force, and the DNC. The LAC provides permanent erosion and sediment control training to Design personnel in coordination with the HQ Landscape Architecture Program (LAP), the HQ Department of Environmental Analysis, and the DNC. Furthermore, the LAC provides field support to Construction, Maintenance, and Encroachment Permits when requested. The LAC also coordinates SWMP and DWP implementation with local agencies that sponsor projects on the U.S., state, and interstate highway systems.

The specific stormwater tasks for which the LAC is responsible include the following:

- Evaluating and recommending permanent soil stabilization control and treatment control measures for addressing project stormwater impacts.
- Identifying the costs related to water pollution and erosion control on programming documents.
- Developing new specifications, details, and guidance materials related to erosion and sediment control.

- Preparing contracts at PS&E to address erosion and sediment controls for projects, including computational proof of post-construction soil stabilization per the CGP.
- Ensuring that when soil containing lead is reused in accordance with variances issued by the DTSC, that it is stabilized as part of project design.
- Assisting the District Encroachment Permits Branch in evaluating water quality impacts and the requirements of encroachment permit applications as requested.
- Assisting the DNC and MC in identifying, scoping, and programming stormwater quality-related projects for SHOPP.
- Assisting in the development of training programs, especially those for Landscape Architecture staff.
- Reviewing and approving erosion control plans for oversight projects.
- Participating in the Planning and Design Stormwater Advisory Team identified in the SWMP.

The LAC is a liaison with the LAP to develop, submit, review, and approve all specifications and details related to post-construction erosion and sediment control and vegetated treatment controls. Furthermore, the LAC is the contact for HQ's Design Program in the approval or concurrence with specifications related to erosion and sediment control.

Table 2-1 lists staff members responsible for implementing the Stormwater Program.

Table 2-1: District 8 Stormwater Personnel and Responsibilities

Staff Name	Title	Phone No.	E-mail	Responsibility
Jon Bumps	District NPDES Stormwater Coordinator, Chief-Office of Stormwater Quality	(909) 383-4616	jon.bumps@ dot.ca.gov	Primary contact for all stormwater issues. Oversees the implementation of the Caltrans NPDES Permit within the District. Final signatory authority on all SWDRs. District representative on the WQSWAT.
Laleh Modrek & Hoang B. Pham	Hazardous Waste Coordinator	(909) 388-7146 (909) 383-6764	laleh.modrek@ dot.ca.gov hoang.b.pham@ dot.ca.gov	Primary contact for DTSC-related stormwater issues.
Leonard Estrella	Maintenance Stormwater Coordinator	(909) 889-3235	leonard.estrella@ dot.ca.gov	Implementation of the policies, procedures, personnel, and equipment of the SWMP in the Maintenance Division. District representative on the MSWAT. Third signatory on the long-form SWDR.
Siong Yap (acting)	Construction Stormwater Coordinator (Acting)	(909) 514-1071	siong.yap@ dot.ca.gov	Ensures that field construction personnel are appropriately trained to ensure compliance with water pollution control requirements. Conduct inspections to assist Resident Engineers in ensuring that stormwater controls are implemented. Review SWPPPs. District representative on the Construction Stormwater Advisory Team.

Table 2-1: District 8 Stormwater Personnel and Responsibilities

Staff Name	Title	Phone No.	E-mail	Responsibility
Michael Yarbrough	Right-of-Way Coordinator	(909) 383-4581	michael.yarbrough@ dot.ca.gov	Primary contact for Right-of-Way-related stormwater issues.
Roy King	Engineering Services (Hydraulics) Coordinator	(909) 383-4555	roy.king@ dot.ca.gov	Primary contact for drainage-related stormwater issues.
Dawn Strough	Public Affairs Coordinator	(909) 383-4416	dawn.strough@ dot.ca.gov	Coordinates with the DNC for public outreach and education at public events.
Tan Nguyen	Encroachment Permits Stormwater Coordinator	(909) 383-7544	tan.d.nguyen@ dot.ca.gov	Primary contact for Encroachment Permits-related stormwater issues.
Rose Bishop	Landscape Architecture Coordinator	(909) 841-5411	rose.bishop@ dot.ca.gov	Implementation of post-construction erosion and sediment control for Caltrans projects; oversight for same on projects administered by local agencies. Fourth signatory on the long-form SWDR.
Hortensia Irigoyen	Planning Stormwater Coordinator	(909) 383-5905	hortensia.irigoyen@ dot.ca.gov	Assists the DNC in Transportation Planning-related stormwater issues.
Wale Alofe	Project Management Stormwater Coordinator	(909) 381-1773	wale.alofe@ dot.ca.gov	Assists the DNC in Project Management-related stormwater issues.

Table 2-2 lists individuals authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Stormwater Program. It also includes delegation of signatory authority for key Conformed NPDES Permit and SWMP required documents.

Table 2-2: District 8 Signatory Authority for Key Documents

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
John C. Bulinski	(909) 383-4055	john.bulinski@ dot.ca.gov	All District Documents
Jon Bumps District NPDES Stormwater Coordinator	(909) 383-4616	jon.bumps@ dot.ca.gov	All District Documents except District Work Plan
Project Engineer	-	-	All District Documents except District Work Plan
Siong Yap Construction Stormwater Coordinator	(909) 514-1071	siong.yap@ dot.ca.gov	SWPPP, NOI, NOT, Notice and Non-Compliance Reporting, Discharge or threat of Discharge Notification, Incident Report Form
Leonard Estrella Maintenance Stormwater Coordinator	(909) 383-5977	leonard.estrella@ dot.ca.gov	Notice and Non-Compliance Reporting, Discharge or Threat of Discharge Notification, Report of IC/ID, Incident Report Form

Table 2-2: District 8 Signatory Authority for Key Documents

Position or Individual	Phone No.	E-mail	Documents Authorized for Signatures
Tan Nguyen Permits Coordinator, Permit Inspector	(909) 383-7544	tan.d.nguyen@dot.ca.gov	SWPPPs, NOI/NOT, Notice and Non-Compliance Reporting, Discharge or Threat of Discharge Notification, and Report of IC/ID, Incident Report Form
Design Senior Engineer	-	-	Notice of Soil Reuse with Aerially Deposited Lead
Resident Engineer	-	-	SWPPPs, Notice and Non-Compliance Reporting, Discharge or Threat of Discharge Notification, NOI/NOT, Incident Report Form
Resident Engineer	-	-	SWPPPs, NOI/NOT, Notice and Non-Compliance Reporting, Discharge or Threat of Discharge Notification, and Report of IC/ID, Incident Report Form
Leonard Estrella Maintenance Stormwater Coordinator	(909) 514-1071	leonard.estrella@dot.ca.gov	Facility Pollution Prevention Plans (FPPPs)

Figure 2-1 shows an organizational chart describing key persons with responsibilities for stormwater operations within the District.

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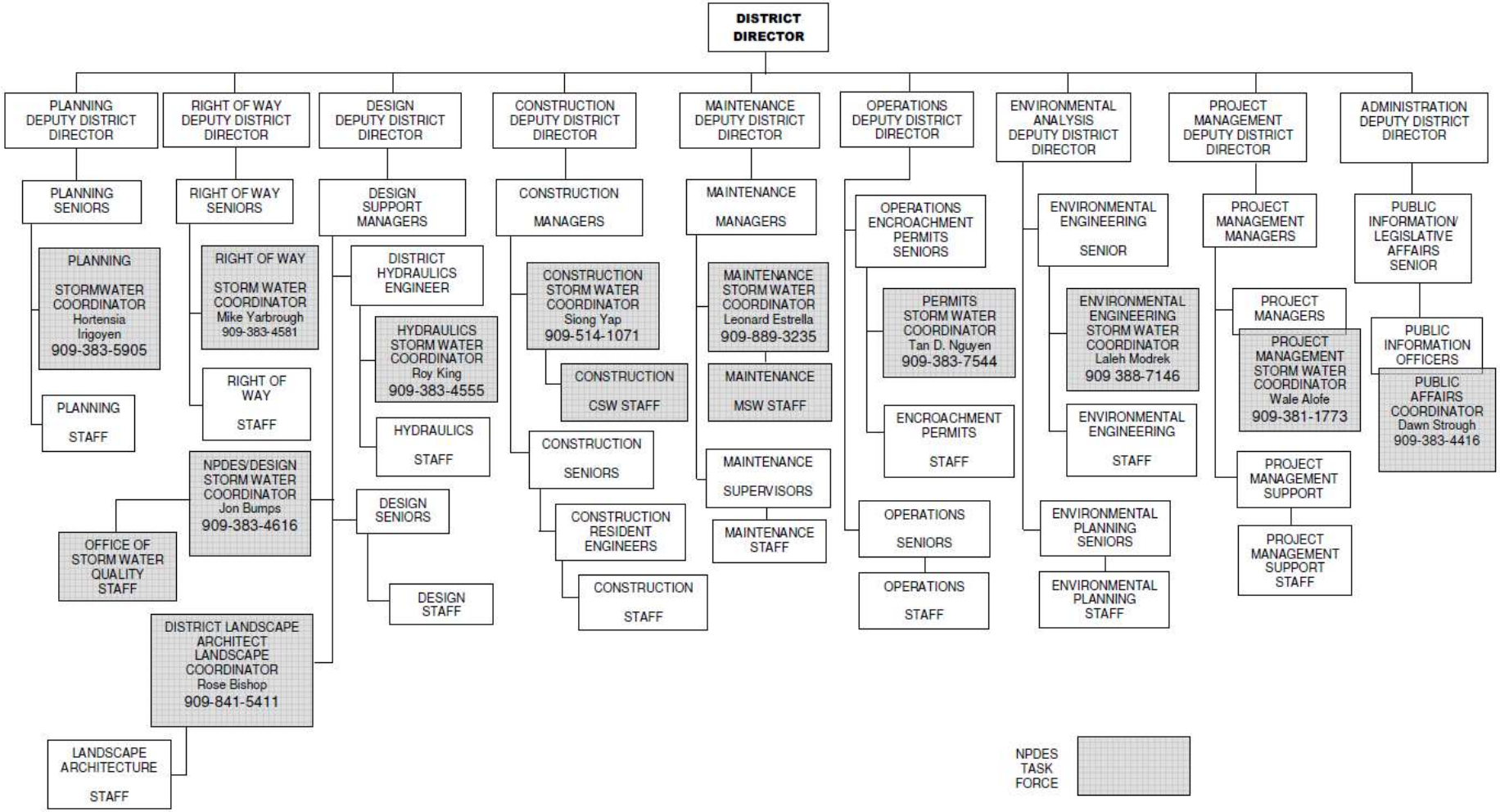
Figure 2-1: District 8 Organizational Chart



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3 District Facilities and Water Bodies

Section 3 of the DWP identifies maintenance stations (including crew functions and street addresses), vista points, commercial vehicle enforcement areas, roadside rest areas, park and ride facilities, toll road and bridge plazas, equipment shops, and other Caltrans facilities. Facility Pollution Prevention Plans (FPPPs) are prepared and implemented at Maintenance facilities within the District's boundaries, such as maintenance stations, material storage facilities, and equipment shops. To comply with Department of Homeland Security policy, the table and map identifying these facilities is not available to the public. For more information, contact Caltrans' Office of Emergency Management or Division of Environmental Analysis.

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4 Drinking Water Reservoirs and Recharge Facilities

Section 4 of the DWP describes and identifies the high-risk areas, which are locations where spills or other releases from District-owned rights-of-way, roadways, or facilities may discharge directly to municipal or domestic water supply reservoirs or groundwater percolation facilities. Projects that potentially drain to these high-risk areas consider project features that enhance spill response.

Drinking water reservoirs and recharge facilities are areas such as locations where spills from District-owned ROWs or facilities can discharge directly to municipal or domestic water supply reservoirs or groundwater percolation facilities. To generate the list of municipal, domestic water supply reservoirs, and groundwater percolation facilities, the District first contacted known public and private water supply providers. From the information received, the District determined which facilities were susceptible to a direct spill from a District activity or facility. This determination was based on proximity between the water body and the District's facility, use characteristics of the facility, and the probable spill response time.

When planning projects within these defined areas, District 8 considers project design features for aiding in the prevention of accidental spills that could impact the area; these features are typically commensurate with safety improvements for reducing vehicle accidents. Examples of these features may include, but are not limited to, median barrier, guardrail, signalization, and vehicle restrictions. Features considered for improving spill response time typically include elongated drainage paths, call boxes, signage, or video surveillance.

A list of drinking water reservoirs and recharge facilities within District 8 is presented in Table 4-1.

Table 4-1: District 8 Drinking Water Reservoirs and Recharge Facilities

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 173, PM 17.8-21.5 SR 189, PM 3.5-5.5	SBd	6	Lake Arrowhead	Created in 1922, this lake is used for multiple purposes including water supply to a local community. The Lake Arrowhead Community Service District (LACSD) withdraws water from the lake for treatment and distribution to the Arrowhead Woods community for potable use.	LACSD emergency contact (909) 336-7100
SR 138, PM 24.9-32.4	SBd	6	Silverwood Lake	This lake was created in 1971 by the construction of a forebay (Cedar Springs Dam) on the California Aqueduct. The Crestline-Lake Arrowhead Water Agency (CLAWA) draws and treats lake water for a supplemental water supply to a portion of the San Bernardino Mountains.	CLAWA emergency contact (909) 338-1779

Table 4-1: District 8 Drinking Water Reservoirs and Recharge Facilities

Road Segment/ Facility	County	Regional Board	Drinking Water Reservoir or Recharge Facility Area	Description	Comments
SR 395, PM 6.0-6.8	SBd	6	California Aqueduct	Part of the State Water Project (SWP), this aqueduct brings water from the San Joaquin-Sacramento River Delta to southern California. The east branch of the aqueduct ends at Silverwood Lake. Water conveyed by the east branch is used for multiple purposes including agricultural and domestic supplies.	SWP emergency contact (916) 574-2714
I-10 PM 4.8	SBd	8	Eighth Street Basin #3	This small basin is owned by San Bernardino County Flood Control District (SBCFCD). The basin receives water from a series of basins leading from Cucamonga Canyon and is listed as a flood control/ percolation basin.	SBCFCD emergency contact (909) 387-8063
I-15 PM 0.5-0.75	SBd	8	Wineville Basin	This basin is owned by SBCFCD. The basin receives water from Day Creek and the Etiwanda Channel. It is used for flood control and groundwater recharge. The Chino Basin Watermaster (CBWM) was authorized under SWRCB Permit 19895 to recharge groundwater at this facility. The groundwater recharge was meant for irrigation, industrial and municipal uses.	SBCFCD emergency contact (909) 387-8063 CBWM emergency contact (909) 484-3888
I-15, PM 7.5	SBd	8	Victoria Basin	This basin is owned by SBCFCD. It receives water from East Etiwanda Creek and Etiwanda Channel, and is listed as a percolation basin.	SBCFCD emergency contact (909) 387-8063
I-15 PM 8.3-9.5	SBd	8	San Sevaine Basins 1-5	These basins are currently owned by SBDFCD, but have potential to become percolation basins as proposed by Inland Empire Utilities Agency.	SBCFCD emergency contact (909) 387-8063
I-10	SBd	8	Montclair Basin - 4	Montclair Basin-4 is a stormwater recharge facility which receives runoff from local streets and I-10. It is operated and maintained by CBWCD.	CBWCD emergency contact (909) 626-2711

5 Slopes Prone to Erosion

Section 5 of the DWP identifies the road segments within District 8 that have slopes which are prone to erosion and sediment discharge. The road segments that are located in sensitive watersheds, or where there is an existing or potential threat to water quality, will be prioritized for implementing appropriate controls to the maximum extent practicable. In each Annual Report, the status of stabilization activities where applicable will be reported. Table 5-1 is District 8's inventory of vulnerable road segments where erosion occurs and stabilization may be required, or where rock cut slopes are located and rock falls have occurred.

Table 5-1: District 8 Inventory of Road Segments Prone to Erosion

Road Segment	County	Regional Board	Watershed	Scheduled Stabilization Date
Route 60	RIV	8	San Jacinto River	TBD
Route 74	RIV	8	Lake Elsinore	TBD
Route 74	RIV	8	Strawberry Creek	TBD
Route 74	RIV	7/8	Palm Canyon Wash/ Omstott Creek/ San Jacinto River	TBD
Route 74	RIV	7	Horsethief Creek	TBD
Route 74	RIV	7	Carrizo Creek	TBD
Route 243	RIV	8	Upper San Jacinto River	TBD
Route 243	RIV	8	Upper San Jacinto River	TBD
Route 18	SBD	8	East Twin Creek	TBD
Route 18	SBD	8	Strawberry Creek	TBD
Route 18	SBD	6/8	Mojave River/ Santa Ana River	TBD
Route 18	SBD	7/8	Lucerne Lake/ Santa Ana River	TBD
Route 38	SBD	8	Santa Ana River	TBD
Route 95	SBD	7	Colorado River	TBD
Route 95	SBD	7	Colorado River	TBD
Route 138	SBD	6	Silverwood Lake	TBD
Route 138	SBD	6	Silverwood Lake	TBD
Route 138	SBD	6	Silverwood Lake	TBD
Route 247	SBD	7	Emerson/Johnson Valley	TBD
Route 62	SBD	7	Coyote Lake/Mesquite Lake/ Dale Lake	TBD

Figure 5-1 is a map showing California State Highway System areas that required maintenance within District 8 in 2017, including rock cut slopes, landslides, and moderate soil erosion.

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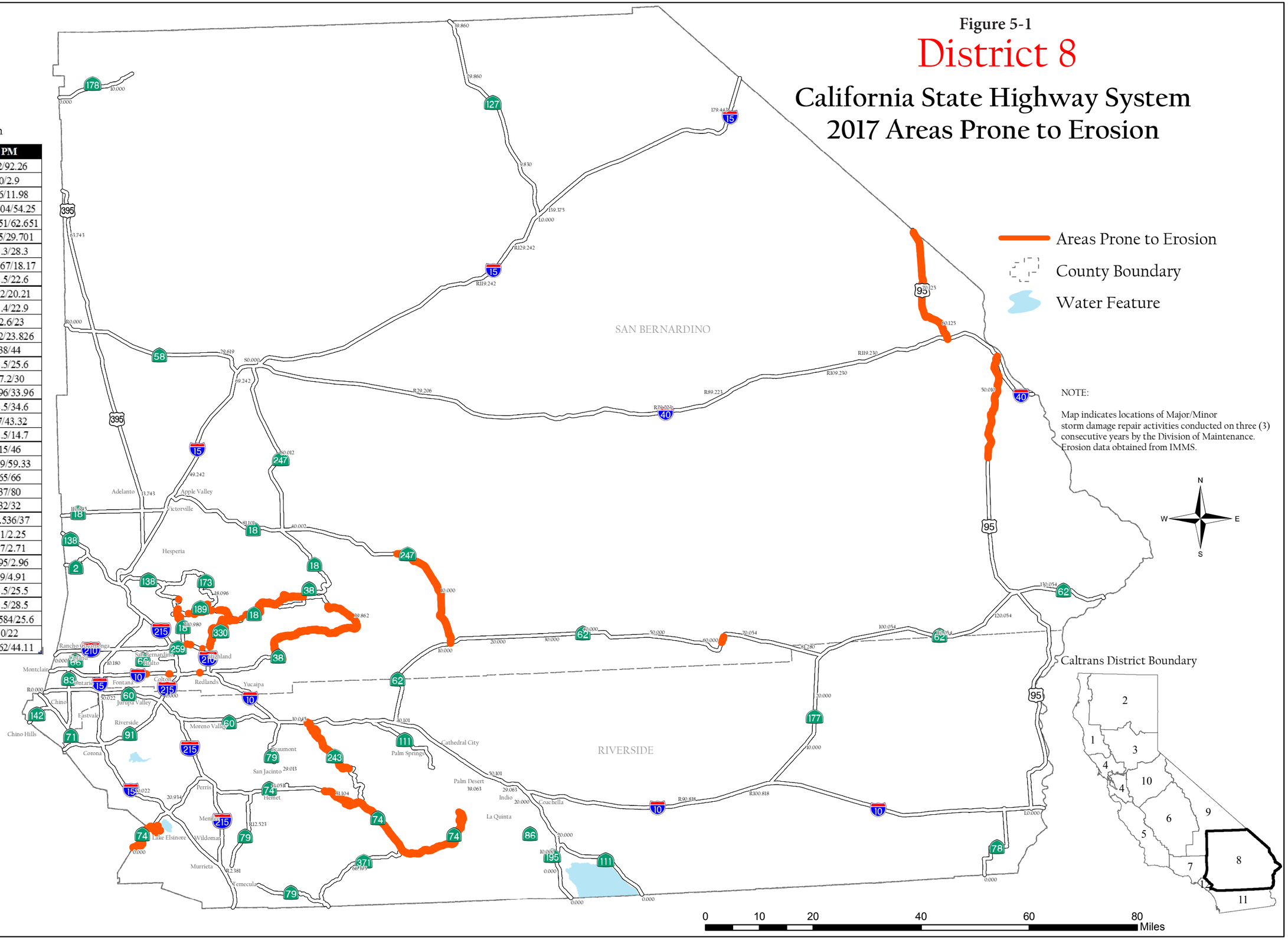
Figure 5-1

District 8

California State Highway System
2017 Areas Prone to Erosion

Areas Prone to Erosion

District	County	Route	PM
8	RIV	74	62/92.26
8	RIV	74	0/2.9
8	RIV	74	6.6/11.98
8	RIV	74	48.604/54.25
8	RIV	74	54.651/62.651
8	RIV	243	12.5/29.701
8	SBD	10	28.3/28.3
8	SBD	10	18.167/18.17
8	SBD	10	22.5/22.6
8	SBD	18	20.2/20.21
8	SBD	18	21.4/22.9
8	SBD	18	22.6/23
8	SBD	18	23.2/23.826
8	SBD	18	38/44
8	SBD	18	25.5/25.6
8	SBD	18	27.2/30
8	SBD	18	33.96/33.96
8	SBD	18	34.5/34.6
8	SBD	18	37/43.32
8	SBD	18	12.5/14.7
8	SBD	38	15/46
8	SBD	38	51.9/59.33
8	SBD	62	65/66
8	SBD	95	37/80
8	SBD	138	32/32
8	SBD	138	36.536/37
8	SBD	189	2.1/2.25
8	SBD	189	2.7/2.71
8	SBD	189	2.95/2.96
8	SBD	189	4.9/4.91
8	SBD	210	25.5/25.5
8	SBD	210	28.5/28.5
8	SBD	210	25.584/25.6
8	SBD	247	0/22
8	SBD	330	29.62/44.11



State of California
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Division of Maintenance GIS
July 19,2017
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6 Implementation

Section 6 of the DWP identifies the specific projects in which work is planned during the fiscal year within the Project Approval/Environmental Document (PA/ED), PS&E, and Construction development phases. The anticipated schedule of construction and maintenance projects is subject to change. These projects are limited to those meeting any of the following criteria:

1. All projects that require soil disturbing activities
2. Adjacent to a Drinking Water or Groundwater Recharge Facility, as described in Section 4 of the DWP
3. A supplemental environmental project
4. Additional projects per agreement between the District and local RWQCB

Projects listed in Table 6-1 include (where applicable):

1. Location (county, route, and post mile limits)
2. Project number (expense authorization)
3. Basic Project Description
4. Disturbed soil area
5. Presence of receiving waters within or adjacent to project limits, with special designation for 303(d) listed water bodies (adopted)
6. Drinking Water Reservoir or Groundwater Recharge Facility within or adjacent to project (as identified in Section 4 of the DWP)
7. Projected milestone dates of PA/ED, PS&E, begin Construction, and end Construction
8. Description of Construction Controls
9. Post-Construction Treatment Controls (types and quantities)
10. Dredge and fill (CWA-401) activities within the project
11. Other Regional Water Control Board Permits Required
12. Potential and Actual Impacts of Project's Discharge
13. Area of New Impervious Surface
14. Percentage of New Impervious Surface to Existing Impervious Surface

The updated lists of projects meeting these criteria will also be provided to the RWQCB annually on October 1st. Furthermore, this section identifies planned maintenance projects with soil disturbance. Information associated with the project includes location, affected water body, and area of disturbance. In addition, this section also describes the planned stormwater monitoring activities within the District; however, these activities may be conducted jointly with other Districts and HQ. Consequently, the information contained in a DWP may be repeated in another DWP.

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Table 6-1: District 8 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
1	0C870	SBD	60	R2.08	2.59	8	Widening ramps and Central Ave.	Cucamonga Creek	N	N	Minimized	13.2	2.2	12.3	SWPPP	BIOSWL	11/1/17	7/1/19	6/1/20	7/1/22
2	0G842	SBD	15	R107.30	R107.30	6	Upgrade safety roadside rest area	Mojave River	N	N	NA	NA	NA	NA	SWPPP	C	8/31/15	6/30/16	12/29/16	7/9/18
3	04351	SBD	58	22.20	31.10	6	Realign and widening highway	Dry washes	Y	Y	Minimized	558	104	100	SWPPP	C	6/27/13	1/10/14	12/30/14	10/16/17
4	0R420	SBD	15	7.4	7.4	8	Construct New Maintenance Facility	County Flood Channel	N	N	Minimized	8	8	100	SWPPP	INDBAS, BIOSWL	7/15/19	11/30/21	4/10/22	6/17/24
5	0R430	SBD	38	50.4	59.4	8	Sediment Source Control	Big Bear Lake	N	N	NA	4.1	0	0	SWPPP	E	10/24/16	10/30/17	2/15/18	7/5/18
6	0C250	SBD	10	0.0	37.0	8	Highway widening including express lane	San Gabriel River and Santa Ana River	Y	Y	Minimized	661	140	14.4	SWPPP	C	5/15/17	6/30/20	7/1/21	6/30/24
7	0C70U	SBD	210	25.0	33.2	8	Add mixed flow lane, widen shoulders, and adding acc/dec lanes	East Twin Creek, Warm Creek, City Creek, Santa Ana River	Y	Y	Minimized	80	25	10	SWPPP	C	12/16/16	3/13/18	12/27/18	1/15/21
8	0R160	SBD	40	50.00	75.00	6, 7	Regrade median, Segment 3	Unnamed Washes, Boundary Wash and Orange Blossom Wash	NA	N	NA	>20	<1	<10	SWPPP	E	8/18/16	11/30/17	1/6/18	4/23/19
9	0071H	SBD	215	6.60	7.20	8	Landscaping and irrigation	Lytle Creek and Warm Creek	N	N	N	0	0	NA	WPCP	E	12/21/12	9/1/14	5/30/17	7/13/18
10	0E331	SBD	60	8.9	10.0	8	Adding WB aux lane, widening SR-60/I-15 connector and ramps	Eastvale Drainage Channel	NA	NA	NA	NA	NA	NA	NA	C	11/1/18	11/1/20	2/1/21	6/1/22
11	0E551	SBD	210	21.80	27.3	8	Install fiber optic communication, closed circuit television cameras and changeable message sign	Santa Ana River (Reach 5), East Twin Creek, Lytle Creek	N	N	Minimized	0.2	NA	NA	WPCP	E	8/21/15	3/11/16	12/13/16	3/15/19
12	0E420	SBD	215	11.30	12.00	8	Reconfigure IC and ramps	Devil Canyon Rd. Storm Drain	N	N	Minimized	6	2	11	SWPPP	C	1/24/19	6/30/20	9/20/20	7/22/21
13	0Q300	SBD	138	17.1	19.2	8	Realign and widen highway	Crowder Creek	Y	NA	NA	NA	NA	NA	SWPPP	C	9/30/14	8/18/15	4/18/16	7/31/18
14	0F030	SBD	60	0.9	2.9	8	Removing and replacing OC structures	Unnamed	N	N	Minimized	1.18	0.26	1	WPCP	E	2/17/17	6/30/18	12/14/18	2/1/21
15	0F631	SBD	395	11.20	16.60	6	Widening highway	Adelanto Channels	Y	Y	Minimized	NA	NA	NA	SWPPP	C	12/31/09	4/30/18	7/2/18	8/3/20

[1] Regional Board
[2] Supplemental Environmental Projects designated as "SEP."
[3] Projects adjacent to Drinking Water Reservoirs or Groundwater Recharge Facilities are noted (DW) and (GW), respectively.
[4] Water bodies with a 303(d) designation are noted in parentheses.
[5] If yes, a 401 permit will be required for this project. NA = Not Available at this time.
[6] Regional Water Board Permits required other than CGP and Clean Water Act Section 401 water quality certification, such as Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.
[7] This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.
[8] A description of the Construction Controls is available in the project's SWPPP, WPCP, or is To Be Determined (TBD) if the Disturbed Soil Area is unavailable.
[9] Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations.

Table 6-1: District 8 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
16	0G800	SBD	38	47.50	59.40	8	Drainage Improvements	Big Bear Lake	N	N	NA	0.1	0	0	WPCP	E	10/17/18	10/17/19	8/17/20	11/22/21
17	0G860	SBD	40	R105.30	R105.60	7	Reconstruct Roadside Rest Area	Watson Wash	N	N	NA	20.0	NA	NA	SWPPP	C	8/1/18	2/1/20	12/1/20	6/1/22
18	0G900	SBD	247	9.60	20.30	7	Construct standard paved shoulder	Undefined	N	N	NA	49.95	19.78	66.7	SWPPP	E	12/28/12	1/5/15	4/14/16	3/30/18
19	0J070	SBD	215	0.58	1.66	8	Reconstruct IC	Santa Ana River Reach 4	N	N	Minimized	20.6	6.67	83.9	SWPPP	DETBAS	3/5/14	10/1/16	8/15/17	10/4/19
20	0J400	SBD	10	3.80	5.60	8	Reconstruct IC	Cucamonga Creek	N	N	Minimized	36	-2.50	-3.5	SWPPP	E	2/2/18	6/30/19	6/17/20	2/1/22
21	0H470	SBD	2	2.40	2.44	6	Bridge widening and rail replacement	Sheep Creek	N	N	NA	0.65	0	0	WPCP	E	2/9/16	2/27/18	6/6/18	7/22/19
22	0J810	SBD	330	30.7	39.3	8	Line culverts	City Creek, Schenk Creek, Little Mill Creek	N	N	NA	0.15	0	0	WPCP	E	12/1/15	10/1/15	6/1/16	12/30/17
23	0G690	SBD	18	44.32	68.45	8	Relining/replacing culverts	Big Bear Lake	N	Y	NA	0.5	0	0	SWPPP	E	6/1/20	3/1/22	6/15/22	9/1/23
24	0J990	SBD	18	49.1	51.6	8	Replace and repair sidewalks, curbs, and gutters	Big Bear Lake	N	N	NA	0.9	0	0	SWPPP	E	6/27/13	12/30/15	4/13/16	4/18/18
25	0K292	SBD	010	32.90	R37.40	8	Replace concrete slabs (replace PCCP w/ JPCP)	Yucaipa Creek, Wilson Creek, Mill Creek, San Timoteo Creek	N	N	NA	20.0	1.2	4.3	SWPPP	E	9/13/11	10/20/15	1/25/16	1/24/18
26	0G691	SBD	18	8.0	17.8	8	Relining/replacing culverts	East Twin Creek, Waterman Canyon Creek	N	Y	NA	0.5	0	0	SWPPP	E	8/3/20	6/30/22	12/1/22	10/3/23
27	0G790	SBD	71	R0.0	R8.48	8	Install RMS, CCTV, CMS, VDS & Fiber Optic Communication Systems	San Antonio Creek Channel, Chino Creek, Lake Serrenos Channel	N	N	NA	0.8	0	0	WPCP	E	8/1/19	1/15/21	1/17/22	3/1/23
28	0N390	SBD	018	34.04	34.04	8	Replace gas house, sign, and shed with a warehouse	South Fork Deep Creek	N	N	NA	0.6	0	0	WPCP	E	9/15/16	1/6/17	4/17/17	10/17/17
29	0L710	SBD	142	3.87	5.74	8	Construct sidewalks, curb ramps, and other pedestrian facilities	Carbon Canyon Creek Channel and Chino Creek	N	N	NA	0.61	0	0	WPCP	E	8/31/11	12/30/17	3/22/18	6/3/19
30	0N56U	SBD	40	94.70	99.70	7	Bridge replacement	Haller Wash, Rojo Wash, and Clipper Valley Wash	N	N	NA	17.2	NA	NA	SWPPP	E	11/28/12	2/28/14	1/22/15	12/17/18
31	0P390	SBD	18	101.5	115.9	6	Shoulder Widening	Fremeon Wash, Sheep Creek, La Montain Creek	N	N	NA	27.8	10.5	30	SWPPP	E	12/1/15	3/28/18	10/4/18	10/16/20
32	0Q130	SBD	62	1.90	7.60	7	Construct raised median curb	Big and Little Morongo Creeks	N	N	NA	<1	NA	NA	WPCP	E	12/21/15	6/30/16	11/22/16	12/21/17

Table 6-1: District 8 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
33	0Q300	SBD	138	17.10	19.20	6, 8	Construct 2-lane & shoulders w/ 3 wildlife crossings	Tributaries to Cajon Creek	Y	N	Minimized	43.0	4.4	66.0	SWPPP	DPPIA	9/30/14	10/31/14	4/18/16	8/30/19
34	0Q230	SBD	18	110.8	110.8	6	Signalize intersection and construct ADA ramps	Oro Grand Wash	N	N	NA	<1	NA	NA	WPCP	E	10/29/12	11/14/14	4/4/16	10/2/17
35	0Q753	SBD	60	R6.9	12.2	8	Pavement Rehab	Var. Local Conc. Channels	N	N	NA	0	0	0	WPCP	E	3/4/16	6/30/18	11/1/18	6/1/21
36	0Q790	SBD	40	93.1	94.2	8	Bridge Replacement	Hoff Wash	N	N	NA	6.0	0	0	SWPPP	E	4/25/14	2/15/16	6/3/16	3/15/18
37	0Q910	SBD	10	23.80	23.83	8	Bridge Rehab & Seismic Retrofit	Santa Ana River, Reach 5	N	N	NA	0.5	0	0	SWPPP	E	12/1/15	2/1/18	8/31/18	9/27/19
38	0R120	SBD	40	0.0	25.0	6	Regrade Existing Median Slopes	Mojave River	N	N	NA	268	0	0	SWPPP	E	4/16/15	8/31/16	12/21/16	7/5/18
39	0R130	SBD	62	16.75	25.20	7	Install two way left turn lanes & widen shoulders to 8 feet	Coyote Lake	Y	N	Minimized	8.7	4.56	18	SWPPP	E	4/17/15	11/16/15	11/9/16	2/13/18
40	0R150	SBD	40	R75	R100	6	Regrade Existing Median Slopes	Old Dad Wash, Badger Wash, Granite Wash, Marble Wash	N	N	Minimized	1200	0	0	SWPPP	E	1/31/19	6/30/20	10/30/20	7/29/22
41	0R340	SBD	38	30.86	30.86	8	Bridge Deck Rehab	Santa Ana River	N	N	NA	0.6	0.14	7	SWPPP	E	12/11/15	8/30/17	2/8/18	3/21/19
42	0R380	SBD	40	153.90	154.70	6	Replace Bridge Deck	Colorado River	N	N	NA	0.35	0	0	SWPPP	E	2/1/21	4/3/23	3/15/24	4/3/28
43	1A830	SBD	10	17.80	19.30	8	Highway Widening	Santa Ana River, Reach 4	Y	N	Minimal Impact	15.8	3.5	30	SWPPP	E	7/8/13	12/1/18	4/5/19	5/18/20
44	1C170	SBD	60	1.80	2.80	8	Relocate irrigation facilities to a safe location, install maintenance vehicle pullouts (MVPs), install vegetation control under guardrails and at gore points, and install maintenance access roads and gates	San Antonio Channel, 303(d) listed	N	N	NA	<1.0	NA	0	WPCP	E	9/8/15	6/30/16	12/18/17	1/18/19
45	1C180	SBD	60	0.00	1.80	8	Relocate irrigation facilities, install maintenance vehicle pullouts, install vegetation control under guardrails and at gore points, and install maintenance access roads and gates	San Antonio Channel, 303(d) listed	N	N	NA	<1.0	NA	0	WPCP	E	9/8/15	6/30/16	4/26/17	12/29/17

Table 6-1: District 8 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
46	1C190	SBD	60	2.86	4.10	8	Relocate irrigation facilities to a safe location, install MVPs, install vegetation control under guardrails and at gore points, and install maintenance access roads and gates	San Antonio Channel, 303(d) listed	N	N	NA	<1.0	NA	0	WPCP	E	9/23/15	5/20/16	5/3/17	12/15/17
47	1C600	SBD	71	6.90	7.80	8	Sediment stabilization, erosion control (aka source control)	Chino Creek, Reach 1B, 303(d) listed	N	N	NA	1.0	NA	0	SWPPP	C	6/24/15	2/12/16	2/8/17	7/13/18
48	1F010	SBD	18	11.50	16.70	8	Install high friction surface treatment	East Twin Creek	N	N	NA	<1.0	NA	0	WPCP	E	9/17/15	7/19/16	2/15/17	9/14/18
49	1F460	SBD	330	R29.00	44.00	8	Mill & overlay	City Creek, East Fork City Creek, Schenk Creek, Little Mill Creek, Fredalba Creek	N	N	NA	0.46	0	0	WPCP	E	12/1/15	7/1/15	2/1/16	10/1/18
50	1F490	SBD	247	24.00	78.00	6, 7	Mill & overlay	Melville Lake, Soggy Lake, Lucerne Lake, Mojave River	N	N	NA	0.45	0	0	WPCP	E	12/31/14	10/1/15	4/1/15	10/3/17
51	1F520	SBD	40	0.00	R10.00	6	Mill & overlay	Mojave River, Daggett Wash, unnamed dry washes	N	N	NA	0.5	0	0	WPCP	E	10/26/15	9/1/15	4/1/16	10/10/17
52	1F910	SBD	38	8.50	15.00	8	Place centerline and shoulder rumble strips	Mill Creek, Mountain Home Creek, Skinner Creek and other unnamed washes	N	N	NA	0.15	0	0	WPCP	E	2/25/16	8/15/16	4/1/17	12/1/17
53	1G070	SBD	18	31.90	38.50	6, 8	Cold planning & overlay	Deep Creek, Dry Creek, Fredalba Creek, North Creek	N	N	NA	0.12	0	0	WPCP	E	9/1/15	11/1/15	4/1/16	12/1/17
54	1G090	SBD	18	48.10	53.10	8	Pavement preventive treatment	Big Bear Lake	N	N	NA	0.15	0	0	WPCP	E	12/7/15	9/30/16	3/1/17	12/31/18
55	1G130	SBD	58	0.00	R13.00	6	Pavement preventive treatment	Rogers Lake and other unnamed dry washes	N	N	NA	0.15	0	0	WPCP	E	1/11/15	11/1/15	4/1/16	10/1/17
56	1G200	SBD	127	10.50	37.70	6	Pavement preservation	Salt Creek	N	N	NA	0.16	0	0	WPCP	E	6/8/18	8/1/23	11/16/23	3/7/28
57	1G210	SBD	210	10.50	12.70	8	Install ramp meters	East Etiwanda Creek	N	N	NA	0.02	0	0	WPCP	E	9/25/17	1/15/19	4/15/19	2/14/20
58	1G230	SBD	15	76.80	154.70	6, 8	Bridge maintenance	Cajon Wash, Halloran Wash, and other unnamed washes	N	N	NA	0.26	0	0	WPCP	E	5/16/16	9/26/16	3/27/17	12/18/17

Table 6-1: District 8 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
59	1G450	SBD	62	34.20	34.50	7	Install traffic signal	29 Palm Channel	N	N	NA	0.16	0	0	WPCP	E	6/22/17	10/1/18	1/15/19	4/16/20
60	1G460	SBD	15	174.00	175.00	6	Cold plane/overlay	Wheaton Wash	N	N	NA	0.1	0	0	WPCP	E	4/11/17	6/30/18	11/6/18	1/15/20
61	1G520	SBD	18	100.90	115.90	6	Pavement preservation	Fremont Wash	N	N	NA	0.33	0	0	WPCP	E	7/15/19	6/30/21	9/15/21	10/17/22
62	1G550	SBD	40	R28.90	R28.90	6	Upgrade weight-in-motion system	Unnamed dry washes	N	N	NA	0.34	0	0	WPCP	E	10/1/19	12/30/20	4/15/21	5/13/22
63	1G660	SBD	66	20.10	23.20	8	Cold plane/overlay	Lytle Creek	N	N	NA	0.31	0	0	WPCP	E	5/4/20	6/30/22	10/3/22	12/1/23
64	1G690	SBD	40	150.20	153.30	7	Pavement overlay	Colorado River, Chemehuevi Wash	N	N	NA	0.25	0	0	WPCP	E	8/16/16	9/30/16	6/1/17	11/13/18
65	1G700	SBD	38	26.00	31.00	8	Construct rock slope protection and replace drainage system	East Fork Barton Creek, West Fork Barton Creek, South Fork Santa Ana River Reach 4	N	N	NA	1.52	0	0	SWPPP	E	6/27/16	12/30/16	3/13/17	11/30/18
66	0071J	SBD	215	7.2	9.1	8	Highway Planting	Lytle Creek	N	N	Stabilizes Soils	RM	-	-	WPCP	E	12/21/12	7/1/14	10/15/17	10/29/21
67	0071H	SBD	215	6.6	7.2	8	Highway Planting	Lytle Creek	N	N	Stabilizes Soils	RM	-	-	WPCP	E	12/21/12	7/14/14	10/15/17	10/29/21
68	0071K	SBD	215	4.8	6.6	8	Highway Planting	Lytle Creek	N	N	Stabilizes Soils	RM	-	-	WPCP	E	12/21/12	10/22/13	10/15/17	2/29/21
69	35556	SBD	15	42.50	46.00	6	IC Improvement & Widen bridges	Mojave River	Y	N	Minimized	80.0	15.0	26.9	SWPPP	DPPIA	6/30/08	1/30/14	11/5/15	6/29/18
70	35558	SBD	15	41.90	45.40	6	Gateway enhancements (retaining wall & bridge)	Mojave River	N	N	NA	<1.0	NA	0	WPCP	E	6/30/08	1/30/14	11/5/15	6/29/18
71	36851	SBD	15	87.10	181.1	6	Construct agricultural inspection facility (AIF) and demolish existing (CDFA) in Yermo - stage 2	Ivanpah Wash	N	N	Minimized	131	25.26	>20	SWPPP	INDBAS	3/31/06	1/23/17	5/2/17	1/22/19
72	4438L	SBD	210	16.30	18.30	8	Highway landscaping	Etiwanda San Sevaine Channel	N	N	NA	3.2	0.90	2.5	SWPPP	E	5/18/09	4/29/11	10/26/11	2/5/18
73	4439L	SBD	210	18.30	20.30	8	Highway landscaping	Lytle Creek	N	N	NA	1.0	0.80	2.2	WPCP	E	5/18/09	9/26/11	12/7/11	12/8/17
74	4440L	SBD	210	20.30	21.90	8	Highway landscaping	Lytle Creek	N	N	NA	2.14	1.0	1.3	SWPPP	E	5/15/09	4/24/12	6/8/13	9/11/19
75	44394	SBD	210	19.30	20.10	8	Construct compact diamond IC @ Pepper Ave	Lytle Creek	Y	N	Minimized	>5	NA	NA	SWPPP	C	7/13/15	12/24/15	2/15/17	3/23/18
76	0M280	SBD	015	172.10	173.80	6	Bridge Replacement & Rahab	Wheaton Wash	Y	Y	NA	7.1	0.55	8.4	SWPPP	E	6/29/12	7/01/15	11/4/15	1/17/18
77	0M730	SBD	210	26.04	28.05	8	Construct new IC	Little Sand Creek, Sand Creek, Baldridge Creek	Y	Y	Minimized	16.4	13.3	62.4	SWPPP	C	7/1/15	7/1/17	11/6/17	12/3/19
78	0N550	SBD	40	105.20	106.50	7	Bridge replacement	Watson Creek	Y	Y	Minimized	4.0	0	0	SWPPP	C	4/22/14	6/30/15	4/21/16	12/15/17
79	0N971	SBD	395	39.00	45.90	6	Construct median, shoulders, and rumble strips	Mojave River	Y	Y	Minimized	57.4	9.66	28.9	SWPPP	DPPIA	6/30/15	3/1/17	10/17/17	12/17/18

Table 6-1: District 8 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
80	0N972	SBD	395	35.50	39.10	6	Construct median, shoulders, and rumble strips	Mojave River	Y	Y	Minimized	28.0	4.35	28.2	SWPPP	DPPIA	9/26/16	6/30/18	9/19/18	10/18/19
81	0Q120	SBD	18	99.40	101.00	6	Widen roadbed and construct raised median	Mojave River	N	N	NA	2.42	1.88	13.0	SWPPP	DPPIA	6/30/16	2/1/18	8/6/18	11/4/19
82	0Q740	SBD	15	15.40	30.80	6, 8	Pavement rehab and slab replacement	Cajon Creek, Oro Grande Wash	N	N	NA	0.25	0	0	WPCP	E	1/16/13	6/30/13	9/19/13	1/15/18
83	0Q75U	SBD	60	R4.60	R9.96	8	Replace slabs in 2 outside lanes	Lower Deep Creek Channel, Cucamonga Channel, Cypress Channel	N	N	NA	0.25	0	0	WPCP	E	2/18/16	6/30/18	11/1/18	6/1/21
84	0Q910	SBD	10	23.80	23.83	8	Bridge rehab and seismic retrofit	Santa Ana River Reach 5	N	N	NA	0.50	0	0	WPCP	E	12/1/15	06/30/18	8/31/18	9/27/19
85	0R141	SBD	40	100.00	125.00	7	Regrade median cross slope	Watson Wash, Homer Wash,	N	N	NA	100	0	0	SWPPP	E	3/30/20	6/30/21	10/29/21	7/31/23
86	0R142	SBD	40	125.00	154.60	7	Regrade median cross slope	Piute Wash, Bat Cave Wash, Colorado River	N	N	NA	100	0	0	SWPPP	E	11/30/18	6/30/20	10/30/20	5/28/21
87	0R170	SBD	40	R25.00	R50.00	6, 7	Regrade median cross slope	Troy Lake, Broadwell Lake	N	N	NA	251	0	0	SWPPP	E	9/30/20	6/30/22	8/31/22	1/31/24
88	0R440	SBD	15	23.00	26.20	6, 8	Vegetation Control	Unnamed tributaries	N	N	NA	2.25	2.25	8	SWPPP	E	8/28/14	10/30/15	6/29/16	12/29/17
89	0R800	SBD	15	0.00	12.20	8	Construct express lanes	East Etiwanda Creek, Day Creek	Y	Y	Minimized	77.0	39.0	12	SWPPP	DPPPIA, BIOSTP, BIOSWL	5/14/18	6/30/20	10/15/20	10/20/23
90	0R960	SBD	5724	-	-	7	Reconstruct wash rack system	Unnamed tributary	N	N	NA	0.5	0	0	WPCP	E	2/15/13	6/30/14	5/30/14	11/17/25
91	1C010	SBD	18	24.90	29.90	6, 8	Install MBGR	East Fork City Creek, West Fork City Creek, Hooks Creek, Shake Creek	N	N	NA	0.18	0	0	WPCP	E	1/15/16	6/30/17	10/29/17	7/31/18
92	1C100	SBD	18	9.10	17.80	8	Pavement Rehab	Waterman Canyon Creek	Y	Y	Minimized	3.0	3.0	1.0	SWPPP	E	5/9/16	10/15/16	12/18/17	1/18/19
93	1C560	SBD	18	44.50	52.80	8	Erosion Control	Big Bear Lake	N	N	NA	1.02	0	0	SWPPP	E	9/29/16	10/30/17	2/15/18	7/05/18
94	1E060	SBD	18	97.00	99.50	6	Widen roadbed and construct raised median	Mojave River	N	N	Minimized	1.2	1.2	7.0	SWPPP	DPPIA	7/30/18	6/30/20	8/31/20	9/30/21
95	1E080	SBD	18	88.90	89.60	6	Construct raised median	City drains	N	N	NA	0.4	0.4	45.0	WPCP	E	7/28/15	11/1/16	2/21/17	11/7/17
96	1E311	SBD	15	31.10	31.50	6	Install MBGR	Upper Mojave River	N	N	NA	1.1	0	0	WPCP	E	9/15/16	3/15/17	6/19/17	12/15/17
97	1E312	SBD	15	46.60	47.10	6	Install MBGR	Upper Mojave River	N	N	NA	0.77	0	0	WPCP	E	9/15/16	3/15/17	6/19/17	12/15/17
98	1E313	SBD	15	80.40	174.10	6, 7	Install MBGR	Upper Mojave River	N	N	NA	1.3	0	0	WPCP	E	9/15/16	3/15/17	6/19/17	12/15/17
99	1E550	SBD	127	28.00	28.50	6	Construct shoulders and rumble strips	Salt Creek	N	N	NA	5.0	0.8	47	WPCP	E	8/10/17	6/30/18	8/13/18	1/8/19

Table 6-1: District 8 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
100	1E560	SBD	247	39.50	40.00	7	Widen shoulders and install rumble strips	Dry washes	N	N	NA	1.6	0.5	4.0	WPCP	E	2/6/17	9/1/17	12/20/18	08/15/19
101	1E581	SBD	95	40.00	40.40	7	Widen shoulders and install rumble strips	Unnamed tributaries	N	N	NA	3.0	0.78	5.0	SWPPP	E	4/10/17	6/30/17	10/15/17	12/17/18
102	1E610	SBD	62	41.00	41.50	7	Widen shoulders and install rumble strips	Dog Wash	N	N	NA	7.7	0.49	2.0	SWPPP	E	5/4/17	6/30/18	11/20/18	10/21/19
103	1E810	SBD	215	14.10	14.90	8	Upgrade weight-in-motion system	NA	N	N	NA	0.33	0.33	1.0	WPCP	E	5/19/17	10/30/18	2/1/19	1/15/20
104	1E850	SBD	142	0.0	5.80	8	Pavement rehab	Carbon Canyon Creek, Chino Creek	N	N	NA	0.70	0	0	WPCP	E	8/12/16	10/1/18	1/3/19	3/2/20
105	1E981	SBD	18	32.20	32.40	6, 8	Install MBGR	Dry Creek, S Fork Deep Creek, Deep Creek, Fredalba Creek	N	N	NA	0.87	0	0	WPCP	E	9/21/16	12/15/17	3/5/18	9/4/18
106	1E982	SBD	18	34.50	36.20	6	Install MBGR	Deep Creek, North Fork Deep Creek	N	N	NA	1.65	0	0	SWPPP	E	9/21/16	12/15/17	3/5/18	9/4/18
107	1F260	SBD	60	7.80	7.90	8	Reconstruct IC	Cucamonga Channel, Lower Deer Creek Channel	N	N	Minimized	3.30	1.61	27.0	SWPPP	BIOSTP, BIOSWL, DPPIA, DETBAS	9/11/17	12/1/18	3/29/19	12/31/20
108	1F270	SBD	210	29.30	33.10	8	Bridge preventive maintenance	City Creek, Plunge Creek, Santa Ana River	N	N	NA	0.13	0	0	WPCP	E	6/10/16	10/1/17	12/6/17	1/10/19
109	1F280	SBD	40	134.00	134.00	7	Reconstruct rock slope protection	South Fork Piute Creek	Y	Y	NA	0.46	0	0	SWPPP	E	11/28/16	2/1/18	5/2/18	3/7/19
110	1F400	SBD	66	21.30	21.30	8	Widen bridge and upgrade bridge rails	Warm Creek	N	N	NA	0.24	0.09	0.5	WPCP	E	10/15/19	6/30/22	8/15/22	8/15/23
111	1F730	SBD	215	2.40	3.00	8	Reconstruct OC	Santa Ana River Reach 4	N	N	NA	3.5	0	0	SWPPP	E	12/1/17	12/30/19	4/30/20	7/7/22
112	1F760	SBD	10	36.40	39.16	8	Add truck climbing lane	San Timoteo Creek, Oak Glen Creek, Yucaipa Creek	N	N	Minimized	13.1	13.1	40	SWPPP	C	6/7/19	06/30/21	10/5/21	11/14/23
113	1F770	SBD	247	20.30	76.80	6, 7	Install rumble strips	Lucerne Lake and other unnamed washes	N	N	NA	0.25	0	0	WPCP	E	5/15/18	8/30/19	11/15/19	6/15/20
114	1F780	SBD	95	9.60	56.50	7	Install rumble strips	Unnamed dry washes	N	N	NA	0.20	0	0	WPCP	E	5/15/18	1/15/20	4/15/20	11/13/20
115	1F830	SBD	330	39.60	39.70	8	Replace culverts	Little Mill Creek	N	N	NA	1.0	0	0	SWPPP	E	4/12/17	6/30/18	9/27/18	5/31/19
116	1F910	SBD	38	8.50	15.00	8	Install rumble strips	Mill Creek	N	N	NA	0.1	0	0	WPCP	E	2/23/16	6/30/17	4/18/17	12/22/17
117	1F960	SBD	15	7.50	7.50	8	Install underground water tank, pipes, and pump	East Etiwanda Creek	N	N	NA	0.5	0	0	WPCP	E	8/1/16	3/2/16	5/15/17	12/15/17
118	1G010	SBD	62	124.00	142.00	7	Construct rock slope protection	Colorado River, Arch Creek	Y	Y	Minimized	2.21	0	0	SWPPP	E	11/1/18	10/1/20	1/15/21	9/01/22
119	1G740	SBD	15	110.00	110.00	6	Repair earthen dike	Mojave and unnamed tributary	N	N	NA	3.1	0	0	SWPPP	E	3/18/19	6/30/20	9/1/20	5/3/21

Table 6-1: District 8 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
120	1G830	SBD	40	101.30	101.30	7	Repair bridge scour	Halfway Hill Wash	Y	Y	Minimized	0.46	0	0	SWPPP	E	9/14/20	6/30/22	10/4/22	11/2/23
121	1H100	SBD	247	23.00	39.00	7	Pavement preservation	Unnamed tributaries	N	N	NA	0.70	0	0	WPCP	E	9/1/16	5/1/17	12/1/17	11/1/18
122	1H150	SBD	10	27.30	27.30	8	IC improvements	Santa Ana River	N	N	Minimized	5.0	3.0	10.0	SWPPP	C	4/25/18	11/1/18	3/27/19	10/31/19
123	1H271	SBD	15	40.30	40.70	6	Restore plants/ irrigation after fire damage	Unnamed tributaries	N	N	NA	0.7	0	0	WPCP	E	4/16/18	11/15/18	4/19/19	12/11/19
124	1H290	SBD	173	18.70	18.70	6	Construct conc. Barrier top of new soldier pile wall	Lake Arrowhead	N	N	NA	0.11	0.07	0.5	WPCP	E	11/15/18	2/15/20	10/15/20	6/16/21
125	1H400	SBD	40	0.40	0.40	6	Rebuild channel	Mojave River	Y	Y	Minimized	0.55	0.45	1.0	SWPPP	E	2/16/18	12/26/18	9/12/19	5/29/20
126	1H670	SBD	62	91.00	106.00	7	Pavement seal coat	Unnamed tributaries and Colorado River Aqueduct	N	N	NA	0.15	0	0	WPCP	E	5/26/17	09/1/17	1/1/18	12/30/20
127	3401U	SBD	138	2.30	15.20	6, 8	Highway widening	Freemont and other unnamed washes	Y	Y	Minimized	53.0	42.0	50.0	SWPPP	DPPIA	6/29/12	9/19/13	9/10/14	9/28/18
128	34770	SBD	58	0.0	12.90	6	Construct new 4-lane expressway	Unnamed dry washes	Y	Y	Minimized	315.3	136.90	100	SWPPP	DPPIA	7/1/14	6/30/17	10/1/17	12/2/20
129	38852	SBD	330	32.50	33.70	8	Bridge rail replacement	City Creek and East Fork Creek	N	N	NA	0.2	0	0	WPCP	E	6/15/17	7/1/18	11/30/18	12/20/19
130	47642	SBD	215	4.00	17.80	8	Install TMS field elements	Little Creek, Santa Ana River, San Timoteo Wash, Cable Creek	N	N	NA	3.50	0	0	SWPPP	E	4/10/20	4/15/21	10/29/21	12/1/23
131	0A020	RIV	215	14.80	16.20	8	Reconstruct IC	Salt Creek	N	N	Minimized	47.2	16.37	59.1	SWPPP	INDBAS	5/2/11	10/5/15	6/12/17	10/17/18
132	0E150	RIV	15	46.70	49.70	8	Reconstruct IC	Santa Ana River Reach 3	Y	Y	Minimized	61.4	7.1	26.4	SWPPP	INDBAS	3/4/16	12/30/17	4/30/18	7/31/20
133	0F120	RIV	10	44.8	46.6	7	Construct new IC	Mid-Valley Stormwater Channel	N	N	Minimized	46.5	37.5	100	SWPPP	INDBAS	1/4/18	8/15/18	12/25/18	8/25/20
134	0F162	RIV	215	15.50	27.90	8	Add mixed flow lanes	Paloma Wash, Sun City Channels, Romoland Channel, San Jacinto River Reach 3, Perris G St. Storm Drain	Y	Y	Minimized	281.0	43.5	31.8	SWPPP	DETBAS, BIOSWL, BIOSTP	4/13/11	5/7/12	9/12/12	11/15/18
135	0F320	RIV	215	28.0	34.3	8	Corridor improvements	San Jacinto River	Y	Y	Minimized	909.1	401.3	192.7	SWPPP	C	4/16/15	10/1/18	1/7/19	3/1/23
136	0F540	RIV	91	0.0	11.55	8	Corridor improvements	Santa Ana River, Reach 2 & 3	Y	Y	Minimized	244.5	75.3	16.2	SWPPP	DPPIA	8/10/12	2/23/16	5/8/13	6/1/20

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		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
137	0F541	RIV	91/71	R0.6	R2.6	8	Construct new connector	Santa Ana River, Reach 2 & 3, Aliso Creek, Wardlow Wash, Fresno Cyn Wash and Prado Basin	N	N	Minimized	29.3	8.1	25.0	SWPPP	DETBAS, BIOSWL, BIOSTP	6/29/11	6/30/15	4/21/16	5/17/24
138	0G770	RIV	15	0.00	41.80	8, 9	Install TMS field elements	Various	N	N	NA	30.3	0	0	SWPPP	E	5/4/16	1/5/16	7/20/17	2/28/19
139	0G780	RIV	215	8.40	38.50	8, 9	Install CCTV, CMS, census stations, detections, hubs & fiber optic cable & connect existing ICC and ramp meters	Murrieta Creeks, Salt Creek, Warm Springs Creek, San Jacinto River and Santa Ana River (Reach4)	N	N	NA	15.0	0	0	SWPPP	E	4/29/15	2/27/15	3/2/16	10/31/17
140	0G850	RIV	10	71.80	72.40	7	Reconstruct rest area	Unnamed tributaries to Whitewater River	N	N	Minimized	47.7	4.66	122.6	SWPPP	C	7/20/20	6/30/22	9/2/22	6/3/24
141	0J080	RIV	15	36.8	51.4	8	Construct Exp. Lanes	Temescal Wash, Bedford Wash, Joseph Canyon Wash, County Flood Control	Y	N	Minimized	132	79	100	SWPPP	DETBAS	6/1/16	12/1/16	4/13/17	12/31/20
142	0J440	RIV	215	17.40	19.30	8	Widen Newport Rd OC, reconstruct IC	Salt Creek	N	N	Minimized	35.0	6.3	26.5	SWPPP	BIOSWL	11/8/12	7/3/14	2/20/15	2/27/20
143	0J610	RIV	15	36.10	37.64	6	Reconstruct IC, replace OC and realign road	Bedford Canyon Wash, Joseph Canyon Wash	Y	N	Minimized	32.1	8.8	48.0	SWPPP	BIOSWL, BIOSTP, DETBAS, INDBAS	7/1/09	3/3/17	5/18/17	6/7/19
144	0K400	RIV	79	7.60	8.40	9	Street improvements	Warm Springs Creek	N	N	NA	1.84	1.0	100	SWPPP	E	1/30/17	7/10/17	2/16/13	4/17/19
145	0K730	RIV	10	54.20	55.60	7	IC improvements	Coachella Valley Stormwater Channel, Whitewater River	N	N	Minimized	33.6	8.0	81.6	SWPPP	C	1/4/19	4/30/20	8/16/20	1/12/22
146	0L190	RIV	79	R7.6	R8.0	9	Modify Benton Road Intersection	French Valley Creek	N	N	Minimized	3.06	1.63	20	SWPPP	BIOSWL	1/30/17	10/30/17	2/6/18	4/17/19
147	0M311	RIV	91	15.60	15.60	8	Upgrade curb ramps to ADA standards	Unnamed tributaries	N	N	NA	0.08	0	0	WPCP	E	5/17/16	4/1/17	5/15/17	11/16/17
148	0M590	RIV	60	20.0	22.0	8	IC Improvements	San Jacinto River	N	N	NA	54	13	35	SWPPP	E	7/31/17	9/1/18	2/24/19	12/16/20
149	0M900	RIV	111	18.00	19.00	7	Grade Separation	Salton Sea	Y	Y	Minimized	10.0	3.5	100	SWPPP	C	7/28/17	7/18/18	10/19/18	2/27/20
150	0M910	RIV	10	54.90	56.50	7	IC improvements	Coachella Valley Stormwater Channel, Salton Sea	N	N	Minimized	26.8	8.5	98.8	SWPPP	DETBAS, INDBAS	3/4/19	6/30/20	10/16/20	6/7/22

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		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
151	0N670	RIV	74	28.10	37.50	8	Construct raised median and left turn lanes	San Jacinto River	N	N	Minimized	20.7	10.4	12.0	SWPPP	E	6/29/17	6/30/18	11/1/18	6/4/20
152	0N69U	RIV	60	22.10	26.61	8	Construct truck lane and shoulders	Unnamed tributaries	Y	Y	Minimized	167.0	22.13	53.91	SWPPP	DPPIA	5/16/16	6/30/18	11/5/18	6/3/21
153	0N820	RIV	91	1.95	2.57	8	Native tree planting & replace inert material	Lake Elsinore	N	N	NA	0.25	0	0	WPCP	E	5/8/09	11/30/14	7/1/15	1/15/19
154	0P100	RIV	60	21.4	28.9	8	Slope Stabilization	San Timoteo Creek & San Jacinto River	N	N	NA	0.41	0	0	WPCP	E	5/1/20	12/30/21	5/2/22	6/3/24
155	0P490	RIV	60	12.10	12.90	8	Replace MBGR with conc. Barrier	Santa Ana River	N	N	NA	0.2	0	0	WPCP	E	9/6/17	1/15/18	5/15/18	9/17/18
156	0P950	RIV	74	63.0	71.8	8	Rehabilitate Pavement	San Jacinto River	N	N	NA	0	0	0	WPCP	E	2/29/16	4/17/17	4/17/17	9/27/21
157	0Q220	RIV	215	14.10	15.26	8, 9	Construct new IC	Warm Springs Creek	Y	Y	Minimized	56.4	8.3	100	SWPPP	C	1/11/19	12/30/19	3/27/20	3/15/22
158	0Q890	RIV	10	21.67	24.24	7, 8	Bridge rehabilitation	San Sevaine Channel, Santa Ana River Reach 4, San Gorgonio River	Y	Y	Minimized	0.03	0	0	SWPPP	E	3/25/16	10/1/17	1/5/18	2/6/19
159	0R010	RIV	91	0.35	0.35	8	Construct culvert for wildlife crossing	Unnamed tributary	Y	Y	Minimized	0.8	0	0	SWPPP	E	12/22/16	3/1/19	6/29/19	4/30/20
160	0R300	RIV	111	47.25	55.26	7	Reconstruct Sidewalks and Curb Ramps	Tributaries to Whitewater River	N	N	NA	3.46	0.45	3	SWPPP	E	6/29/16	10/30/18	3/10/19	2/10/20
161	0R310	RIV	74	11.76	R14.37	8	Reconstruct Sidewalks & Curb Ramps	Tributaries to Lake Elsinore	N	N	NA	2.16	0.66	5	SWPPP	E	9/8/16	10/30/18	1/15/19	3/30/20
162	0R350	RIV	10, 111	16.14	152.86	7	Bridge Seismic Retrofit	San Gorgonio & Whitewater River	N	N	NA	1.12	0	0	WPCP	E	3/14/16	8/1/17	1/24/18	2/22/19
163	0R780	RIV	74	52.1	R92.0	7, 8	Install Midwest Guardrail System	Strawberry Creek, Coldwater Creek, Herkey Creek	N	N	NA	0.98	0	0	WPCP	E	4/21/16	9/30/16	11/30/17	1/30/19
164	1C070	RIV	74	17.25	71.75	8	Pavement preservation	Unnamed tributaries to San Jacinto River	N	N	NA	0.69	0	0	WPCP	E	3/2/20	6/30/22	9/1/22	4/2/24
165	1C080	RIV	10	60.90	74.00	7	Pavement rehabilitation	Corn Spring Wash, Colorado River and unnamed tributaries	N	N	NA	0.25	0	0	WPCP	E	7/14/20	1/18/22	5/15/22	12/17/25
166	1C091	RIV	60	12.20	22.10	8	Mill & overlay pavement	Santa Ana River, San Jacinto River, San Timoteo Creel	N	N	NA	0	0	0	WPCP	E	11/13/14	2/18/15	4/15/16	2/14/18
167	1C110	RIV	371	56.00	61.90	9	Place rubberized hot mix asphalt	Tule Creek, Hamilton Creek	N	N	NA	0.23	0	0	WPCP	E	6/8/14	1/23/15	6/1/15	12/1/17

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		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
168	1C140	RIV	15	4.80	6.50	9	Relocate roadside safety devices	Unnamed tributaries to Murrieta Creek	N	N	NA	0.85	0.70	2.0	WPCP	E	8/27/15	4/15/16	3/17/17	11/15/17
169	1C150	RIV	15	44.10	48.50	8	Roadside safety improvement	Santa Ana River Reach 3	N	N	NA	1.5	1.20	0.25	WPCP	E	6/17/16	3/10/18	7/12/18	7/10/19
170	1C160	RIV	60	13.30	21.46	8	Roadside safety improvement	Unnamed tributaries to San Jacinto River	N	N	NA	0.85	0.85	0.50	WPCP	E	6/22/17	6/30/18	9/15/18	7/15/19
171	1C200	RIV	15	6.45	8.17	9	Relocate facilities for roadside safety improvement	Santa Gertrudis and Warm Springs Creek	N	N	NA	1.59	0	0	WPCP	E	6/30/16	6/30/18	10/10/18	10/21/20
172	1C210	RIV	10	6.77	9.57	7, 8	Roadside safety improvements	Santa Ana River and San Jacinto River	N	N	NA	0.85	0	0	WPCP	E	5/12/17	6/30/18	9/1/18	12/16/19
173	1C220	RIV	15	0.00	4.83	9	Relocate existing roadside facilities to safe work location	Murrieta Creek, Temecula Creek	N	N	NA	<1.0	0.62	1.0	WPCP	E	10/2/15	11/25/16	6/15/17	1/15/18
174	1C230	RIV	60	10.7	13.3	8	Construct rock blanket, MVPs, gates & fence	Santa Ana River Reach 4	N	N	NA	2.04	0.04	0.1	SWPPP	E	3/27/17	3/15/18	7/15/18	02/14/20
175	1C320	RIV	10	12.40	13.10	7	Roadside safety improvements	Gilman Home Channel	N	N	NA	0.69	0.68	0.7	WPCP	E	6/30/17	10/15/18	2/15/19	12/20/19
176	1C340	RIV	74	27.50	32.30	8	Apply pavement preservation treatment	San Jacinto River	N	N	NA	0	0	0	WPCP	E	5/14/12	12//15	6/1/16	12/19/17
177	1C380	RIV	10	8.20	25.10	7, 8	Pavement rehabilitation	Potrero Creek, Smith Creek, San Gorgonio River	N	N	NA	0.69	0	0	WPCP	E	12/22/15	6/15/18	9/1/18	12/16/19
178	1C570	RIV	15	0.0	16.00	9	Erosion control	Temecula Creek, Santa Gertrudis Creek, Santa Margarita River, Murrieta Creek and Warm Springs Channel	N	N	NA	5.0	0	0	SWPPP	E	11/15/19	9/1/20	4/15/21	10/14/22
179	1C580	RIV	15	6.80	7.60	8, 9	Erosion control	Santa Gertrudis Creek, Murrieta Creek and Warm Springs Channel	N	N	NA	1.2	0	0	SWPPP	E	9/14/18	9/1/19	1/15/20	2/12/21
180	1C590	RIV	74	7.00	14.40	8	Erosion control	Lake Elsinore	N	N	NA	1.2	0	0	SWPPP	E	7/13/18	2/28/20	6/15/20	7/15/22
181	1C610	RIV	15	45.60	47.30	8	Sediment stabilization & erosion control	Santa Ana River, Reach 3	N	N	Stabilizes Soils	1.0	0	0	WPCP	E	6/30/15	2/12/16	2/2/17	7/5/18
182	1C620	RIV	111	0.0	10.5	7	Erosion control	Unnamed tributaries	N	N	NA	0.95	0	0	WPCP	E	6/23/16	10/30/17	2/16/18	7/16/18
183	1C630	RIV	VAR	VAR	VAR	6, 7, 8	Replace weather sensing units and highway radios	Lytle Creek	N	N	NA	0.002	0	0	WPCP	E	10/9/15	10/1/16	1/30/17	7/31/18

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		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
184	1C640	RIV	60	0.00	12.20	8	Replace wireless communication system with fiber optic infrastructure & connect existing components	Day Creek, Etiwanda San Sevaine Channel, Santa Ana River Reaches 3 and 4	N	N	NA	0.1	0	0	WPCP	E	7/23/15	7/21/16	3/17/17	10/1/18
185	1C660	RIV	215	9.00	16.00	8, 9	Sediment control	San Jacinto River Reach 1 and Lake Elsinore	N	N	NA	5.2	0	0	SWPPP	E	7/15/18	2/28/20	7/15/20	8/13/21
186	1C680	RIV	74	13.20	34.00	8, 9	Replace bridge rails	San Jacinto River, Blue Ridge Wash, Arroyo Seco Creek, Temecula Creek, Cahuilla Creek	N	N	NA	0.3	0	0	WPCP	E	4/2/18	10/30/18	12/2/19	3/2/21
187	1C850	RIV	74	0.00	5.80	9	Restripe centerline, widen shoulders and install rumble strips	San Juan Creek, Morrell Creek	N	N	NA	42	7	10	SWPPP	E	12/20/18	1/15/20	7/26/20	3/23/22
188	1E050	RIV	74	14.80	15.20	8	Construct left-turn channelization and erosion control	Lake Elsinore Channel Outlet	N	N	NA	1.29	0.34	31.5	SWPPP	E	6/29/16	12/1/16	11/15/17	7/16/18
189	1E070	RIV	74	17.57	25.70	8	Construct raised median curb	San Jacinto River	N	N	NA	0.23	NA	<1	WPCP	E	10/27/15	10/17/16	5/25/17	6/25/18
190	1E340	RIV	15	R15.9	20.3	8	TMDL Compliance	Lake Elsinore	N	N	NA	40	0	0	SWPPP	E	10/15/19	8/3/20	3/15/21	9/15/22
191	1E460	RIV	74	37.70	44.70	8	Construct raised curb median	Riverside Flood Control Channels	N	N	NA	7.0	0	0	SWPPP	E	9/29/16	1/30/18	5/1/18	6/3/19
192	1E650	RIV	60	0.00	7.50	8	Install double luminaire mast arms	Santa Ana River	N	N	NA	<1.0	NA	<1	WPCP	E	12/23/15	7/5/16	3/7/17	7/9/18
193	1E720	RIV	10	74.10	156.40	7, 8	Bridge rehabilitation	San Timoteo Wash, Santa Ana River Reach 4, Day Creek, Colorado River, Corn Springs Wash, Riverside Canal, Coachella Valley Stormwater Channel	N	N	NA	0.3	0	0	SWPPP	E	8/31/17	10/30/18	3/30/19	6/30/20
194	1E770	RIV	74	11.0	11.1	8	Slope stabilization	San Jacinto River	N	N	NA	0.7	0.1	0.1	WPCP	E	10/11/17	10/30/18	3/1/19	9/16/19
195	1E840	RIV	62	6.70	9.20	7	Replace AC dike, curb ramps, and guardrails	Mission Creek, Dry Morongo Creek, Big Morongo Creek, Brunt Mtn. Wash	N	N	NA	0.95	0.42	0.5	WPCP	E	6/28/16	5/30/20	9/14/20	3/15/22

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		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
196	1E860	RIV	10	74.00	105.0	7	Rehabilitate pavement	Hazy Gulch, Aqueduct Wash, Happy Gulch, Sad Gulch, Desperation Arroyo	N	N	NA	<0.1	0	0	WPCP	E	2/5/15	2/17/15	2/29/16	7/20/18
197	1E971	RIV	62	0.20	9.20	7	Install MBGR	Mission Creek, Big Morongo Creek	N	N	NA	0.65	0	0	WPCP	E	3/28/17	3/1/17	6/2/17	12/5/17
198	1F410	RIV	10	110.50	110.50	7	Replace/upgrade bridge rail	Corn Springs Wash, Meta Ditch, Rollie Ditch, Palen Ditch	N	N	NA	0	0	0	WPCP	E	9/1/17	2/1/19	6/2/19	8/4/20
199	1F590	RIV	74	36.90	43.50	8	Construct sidewalks, curb ramps, driveways	Riverside stormwater drains	N	N	NA	0.6	0.6	0.2	WPCP	E	9/15/17	3/30/20	8/20/20	9/27/21
200	1F600	RIV	79	25.60	26.40	8	Upgrade pedestrian facilities per ADA standards	San Jacinto River	N	N	NA	0.14	0	0	WPCP	E	4/10/18	6/30/20	10/12/20	11/12/21
201	1F840	RIV	111	0.0	18.30	7	Install rumble strips	Salton Sea	N	N	NA	0.5	0	0	WPCP	E	12/30/16	6/30/17	1/28/18	9/28/18
201	1F850	RIV	371	60.20	67.70	8, 9	Place rumble strips	Cahuilla Creek, Lake Riverside, Elder Creek, Hamilton Creek	N	N	NA	0.15	0	0	WPCP	E	2/17/17	7/17/17	2/16/18	9/28/18
203	1F870	RIV	15	23.80	33.40	8	Place shoulder rumble strips	Temescal Wash, Lee Lake & other unnamed washes	N	N	NA	0.15	0	0	WPCP	E	4/28/16	8/15/16	5/17/17	2/15/18
204	1F920	RIV	10	3.60	149.10	7, 8	Install CMS signs	Whitewater River, Coachella Valley Stormwater Channel	N	N	NA	0.60	0	0	WPCP	E	8/24/17	-	4/15/19	10/15/20
205	1F940	RIV	79	R4.7	R10.6	8	Cold plane, overlay, & ADA curb ramps	Santa Gertrudis Creek, Tucalota Creek, Warm Springs Creek	N	N	NA	0.07	0	0	WPCP	E	12/24/15	4/4/17	1/1/18	1/30/19
206	1F950	RIV	10	29.60	29.60	7	High friction surface treatment	Garnet Wash	N	N	NA	0.15	0	0	WPCP	E	3/1/16	8/15/16	3/24/17	12/1/17
207	1F980	RIV	215	17.50	17.50	8	Construct 4-lane bridge OC	Paloma Wash Channel	N	N	NA	NA	NA	NA	SWPPP	C	8/24/16	11/10/17	2/9/18	8/10/18
208	1G000	RIV	95	14.00	36.20	7	Construct stream embankment protection, install rumble strips, replace culverts	Unnamed tributaries	Y	Y	Minimized	1.93	0	0	SWPPP	E	11/1/18	8/30/20	1/15/21	9/1/22
209	1G060	RIV	177	0.00	27.00	7	Rubberized chip seal and dig-out	Palen Wash, Big Wash, Pinto Wash	N	N	NA	0.23	0	0	WPCP	E	10/1/14	12/1/15	4/1/16	12/30/17

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		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
210	1G110	RIV	15	3.00	8.10	9	Pavement preventive treatment	Murrieta Creek, Santa Gertrudis Creek, Warm Springs Creek,	N	N	NA	0.10	0	0	WPCP	E	5/23/16	8/1/16	6/1/17	12/30/18
211	1G120	RIV	243	13.30	29.70	7, 8	Pavement preventive treatment	Black Mountain Creek, Indian Creek, Mellor Creek, tributaries to San Gorgonio River and Smith Creek	N	N	NA	0.15	0	0	WPCP	E	2/26/15	4/1/17	12/1/17	12/15/18
212	1G140	RIV	371	61.90	67.80	9	Cold plane & overlay	Coahuila Creek, Elder Creek	N	N	NA	0.7	0	0	WPCP	E	9/1/16	8/1/16	6/1/17	12/1/17
213	1G240	RIV	15	41.80	51.50	8	Bridge rehabilitation	Temescal Creek Reach 1, S Norco Channel SB, N Norco Channel, Santa Ana R. Reach 3, Day Creek Drain Plan	N	N	NA	0.1	0	0	WPCP	E	5/16/16	9/26/16	3/27/17	12/18/17
214	1G390	RIV	10	20.10	99.10	7	Bridge rehabilitation	Millard Cyn Wash, Whitewater River, CVSC, Tecka Ditch, Hayfield Lake, Irolo Ditch, Ajax Ditch, Shanty Ritch, Union Ditch	N	N	NA	0.21	0	0	WPCP	E	5/2/16	9/19/16	4/3/17	11/27/17
215	1G470	RIV	74	2.90	3.20	8, 9	Bridge replacement	San Juan Creek, Strawberry Creek	Y	Y	Minimized	1.10	0.50	2.0	SWPPP	E	2/22/21	5/30/22	10/31/22	11/26/24
216	1G490	RIV	79	26.30	26.40	8	Construct curb ramps, sidewalks	Parkhill Retention Basin	N	N	NA	0.12	0.08	0.1	WPCP	E	12/28/17	3/1/18	5/15/18	12/17/18
217	1G630	RIV	111	47.20	55.30	7	Pavement preservation	Palm Canyon Wash and some unnamed dry washes	N	N	NA	0.25	0	0	WPCP	E	3/2/20	10/1/21	2/1/22	5/1/23
218	1G670	RIV	79	5.40	11.40	9	Construct shoulders and rumble strips	Arroyo Seco Creek, Temecula Creek, Kolb Creek	Y	Y	Minimized	20.0	11.5	30.5	SWPPP	C	10/16/19	10/30/20	2/20/21	09/20/22
219	1G870	RIV	215	12.70	15.00	9	Install conc. barrier	Warm Spring Creek, Murrieta Creek	N	N	NA	0.15	0	0	WPCP	E	12/1/17	1/30/18	5/20/19	7/20/20
220	1G890	RIV	15	8.20	13.90	9	Roadside safety improvements	Murrieta Creek and unnamed blue line streams	N	N	NA	3.86	0.1	0.05	WPCP	E	7/5/19	4/29/20	1/10/21	7/15/21

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		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
221	1G900	RIV	10	0.00	6.60	8	Roadside safety improvements	Little San Gorgonio Creek, Noble Creek, and numerous unnamed blue line streams	N	N	NA	3.47	0	0	SWPPP	E	5/2/19	10/1/20	5/18/21	10/18/21
222	1H090	RIV	15	43.50	43.50	8	Construct left turn lanes	S Norco Channel and its tributaries	N	N	NA	0.66	0.39	0.50	WPCP	E	1/11/17	11/1/17	3/5/18	9/4/18
223	1H140	RIV	60	16.60	16.60	8	Install traffic signals	Sunnymead Channel	N	N	NA	0.12	0	0	SWPPP	E	1/2/18	11/1/18	8/2/19	8/3/20
224	1H190	RIV	10	106.60	113.80	7	Replace rock slope protection	Coxcomb ditch, Quartz Ditch, Ghost Ditch, Rollie Ditch, Palen Ditch, Meta Ditch, Oban Ditch, Copa Ditch	Y	Y	Minimized	2.4	0	0	SWPPP	E	9/23/20	6/30/22	10/12/22	10/11/23
225	1H200	RIV	10	92.90	101.10	7	Replace rock slope protection	Krume Ditch, Beta Ditch, Tecka Ditch, Irolo Ditch, Ajax Ditch, Shanty Ditch, Union Ditch, Bula Ditch	Y	Y	Minimized	3.50	0	0	SWPPP	E	9/23/20	6/15/22	10/19/22	12/20/23
226	1H210	RIV	10	120.70	142.70	7	Replace rock slope protection	Rubble Ditch, Acari Ditch, Beehive Ditch, Arco Ditch, Mud Ditch, Walla Ditch, Gale Ditch, McCoy Wash, Palowalla Ditch	Y	Y	Minimized	2.80	0	0	SWPPP	E	9/23/20	5/30/22	10/12/22	11/15/23
227	1H420	RIV	15	42.50	45.90	8	Convert potable to reclaimed water system	Temescal Wash	N	N	NA	2.00	0	0	SWPPP	E	2/9/18	5/30/19	10/31/19	8/21/20
228	1H530	RIV	VAR	VAR	VAR	6, 7, 8	Repair TMS signs	VAR	N	N	NA	0.1	0	0	WPCP	E	2/15/18	8/29/18	5/15/19	06/16/20
229	32302	RIV	60	18.10	18.80	8	Replace Nason Street OC bridge	Moreno Master Drainage Plan-Line 1 and Nason Basin	N	N	Minimized	31.13	2.20	12.13	SWPPP	BIOSWL	4/7/13	7/5/12	12/3/12	11/1/17
230	3348V	RIV	215	37.36	38.49	8	Replacement highway planting	Box Springs Canyon	N	N	NA	0.15	0	0	WPCP	E	9/28/12	10/9/13	4/22/14	3/15/18
231	0E150	RIV	15	46.7	49.7	8	Limonite IC Improvements	Santa Ana River Reach 3	NA	NA	NA	31	18	NA	SWPPP	C	3/4/16	3/10/17	7/31/17	11/30/18
232	0F540	RIV	91	0	11.55	8	Widen to add Lanes- Design-Build Project	Santa Ana River Reach 2 & 3, Wardlow Wash, Temescal Cr Reach 1	Y	Y	Minimized	321	100	NA	SWPPP	C	8/10/12	2/23/16	5/8/13	6/01/20

Table 6-1: District 8 Anticipated Project Development and Construction Schedule

No.	EA	Project Location					Project Description[2,3]	Water Bodies Within or Adjacent to Project Limits[4]	Dredge and Fill Activities (Y/N/NA)[5]	Other Regional Water Board Permits Required[6]	Potential and Actual Impacts of Project's Discharge[7]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/TBD)[8]	Post-Construction Treatment Control Type, Quantity[9]	Anticipated Project Delivery Schedule		Construction Period	
		Co.	Route	Begin PM	End PM	RB[1]											PA&ED Date	PS&E Date	Start Date	End Date
233	32781	RIV	215	12.1	13.1	9	Highway Planting	Murrieta Creek	N	N	NA	0.8	0.8	2	WPCP	E	6/4/12	11/14/12	8/24/12	4/23/19
234	32302	RIV	60	18.10	18.80	8	Replace Nason Street OC	RCFC&WCD Channels	N	N	Minimized	31.13	2.20	12.1	SWPPP	BIOSWL	4/12/10	7/5/12	12/3/12	11/1/17
235	32840	RIV	91	11.50	12.10	8	Reconstruct highway ramps and local street at La Sierra Ave.	Arlington Channel	N	N	Minimized	25.70	2.10	10.5	SWPPP	BIOSWL	5/11/04	2/14/06	8/14/07	12/29/17
236	34141	RIV	60	28.70	30.20	8	Construct new IC with 6-lane OC	Coopers Creek	N	N	Minimized	18.1	1.97	10.0	SWPPP	INDBAS	1/31/13	8/30/17	11/29/17	2/25/19
237	34142	RIV	60	28.03	30.42	8	Construct Ramps & Loc. St Connections @ Portrero Rd., phase 2	San Timoteo Wash	Y	N	Minimized	54.6	20.75	NA	SWPPP	BIOSWL, DETBAS	3/1/13	5/31/16	1/13/19	2/28/22
238	34143	RIV	60	29.00	30.00	8	Widen w/ acceleration and deceleration lanes	Coopers Creek	N	N	NA	2.16	0.84	31.1	WPCP	E	5/6/13	1/2/14	8/15/17	9/3/18
239	0F162	RIV	215	15.5	27.90	8, 9	Widen to add Lanes	Unnamed Washes, San Jacinto River	Y	N	Minimized	281	43.5	31.7	SWPPP	BIOSWL	4/13/11	5/7/12	9/12/12	11/15/18
240	43230	RIV	15	3.00	4.00	9	I-15/SR-79 IC Improvements	Murrieta Creek, Upper Santa Margarita River, Temecula Creek	N	N	Minimized	25	3.4	NA	SWPPP	BIOSTP, BIOSWL, MF-ADS	10/8/09	8/25/15	4/25/17	12/27/18
241	44843	RIV	91	18.40	20.70	8	Construct retaining wall	Santa Ana River Reach 3 & 4	N	N	NA	4.50	0	0	SWPPP	E	4/3/17	12/16/16	3/15/18	5/16/19
242	45210	RIV	10	62.30	63.70	8	Construct new IC	Unnamed blue line tributaries	Y	Y	Minimized	30.3	30.0	100	SWPPP	C	9/15/17	2/16/18	11/14/18	4/24/20
243	49400	RIV	79	15.80	33.80	8, 9	Realign and widen to 4-lane highway	San Jacinto River, Hemet Channel, Salt Creek, Warm Spring Creek	Y	Y	Minimized	942.8	221	1922	SWPPP	BIOSTP, BIOSWL	1/17/17	5/1/19	8/12/19	3/11/22

Treatment Control Status Legend	
BMP Device Types:	
BIOSTP	Biofiltration Strips
BIOSWL	Biofiltration Swales
C	Under Consideration
CNTBOX	Gross Solids Removal Devices (Inclined Screen)
DETBAS	Detention Basins
DPPIA	Design Pollution Prevention Infiltration Area*
DWFD	Dry Weather Flow Diversion
E	Exempt
INDBAS	Infiltration Basins*
INDTRE	Infiltration Trench*
LNGTBE	Gross Solids Removal Devices (Linear Radial)
MCTT	Multi-Chambered Treatment Trains
MF-ADS	Austin Sand Filters
MF-DSF	Delaware Sand Filters
Other	Other (specify type)
SA	Stabilization Areas
TRCSND	Traction Sand Traps
WETBAS	Wet Basins

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Table 6-2 lists the planned maintenance projects that will disturb soil.

Table 6-2: District 8 Anticipated Significant Road Maintenance Activities

No.	Co.	Route	Beg PM	End PM	Regional Board	Description	Water Bodies Affected[10]	Other Regional Water Board Permits Required[11]	Potential and Actual Impacts of Project's Discharge[12]	Disturbed Soil Area (acres)	Area of New Impervious Surface (acres)	Percentage of New Impervious Surface to Existing Impervious Surface	Description of Construction Controls (SWPPP/WPCP/ TBD/NA)[13]	Post-Construction Treatment Control Type, Quantity[14]	Start Date	Completion Date
1	SBD	I-15	R25.9	53.3	6	Crack sealing, grader blankets, materials pass, SC-3000 and cinders; winter snow activities	Mojave River	NA	Minimized per approved SWMP	-	-	-	Per Maintenance Stormwater Handbook, quantity TBD	Per approved SWMP	7/1/17	6/30/18
2	SBD	SR-138	24.5	37.0	6, 8	Crack sealing, grader blankets w/SC-3000, culvert clearing, berm restoration, re-establish lateral support w/ imported material, winter snow and ice control	Silverwood Lake	NA	Minimized per approved SWMP	<1	-	-	Per Maintenance Stormwater Handbook	Per approved SWMP	7/1/17	6/30/18
3	SBD	SR-173	13.8	23.0	6	Crack sealing, grader blankets w/SC-3000, culvert clearing, berm restoration, re-establish lateral support w/ imported material, winter snow and ice control	Arrowhead Lake	NA	Minimized per approved SWMP	<1	-	-	Per Maintenance Stormwater Handbook	Per approved SWMP	7/1/17	6/30/18
4	SBD	SR-189	1.0	5.6	6	Crack sealing, grader blankets w/SC-3000, culvert clearing, berm restoration, re-establish lateral support w/ imported material, winter snow and ice control	Arrowhead Lake	NA	Minimized per approved SWMP	<1	-	-	Per Maintenance Stormwater Handbook	Per approved SWMP	7/1/17	6/30/18
5	SBD	I-15	R20.0	R29.5	6, 8	Winter snow activities, culvert clearing	Cajon Creek	NA	Minimized per approved SWMP	-	-	-	Per Maintenance Stormwater Handbook	Per approved SWMP	7/1/17	6/30/18
6	SBD	SR-18	44.3	52.7	8	Crack sealing, grader blankets w/SC-3000, culvert clearing, berm restoration, re-establish lateral support w/imported material, winter snow and ice control	Big Bear Lake	NA	Minimized per approved SWMP	<1	-	-	Per Maintenance Stormwater Handbook	Per approved SWMP	7/1/17	6/30/18

[10] Receiving waters within or adjacent to maintenance activity designated as "303(d) (constituent type)." Activity adjacent to Drinking Water Reservoir or Groundwater Recharge Facilities designated as "DW."
[11] Regional Water Board Permits required other than CGP, such as Clean Water Act Section 401 water quality certification, Waiver of Discharge Requirements, Dewatering Permits, Bridge Painting WDRs, etc.
[12] This information may come from the Water Quality Assessment Report prepared for each project, a Water Quality Technical Memorandum, or other document that evaluates the water quality impacts of a project.
[13] A description of the Construction Controls is available in the project's SWPPP, WPCP, is To Be Determined (TBD) if the Disturbed Soil Area is unavailable, or is Not Applicable (NA) because there is no Disturbed Soil Area associated with the project.
[14] Treatment Control Status identified by: device type/number of devices, exempt ("E"), or under consideration ("C"). See Treatment Control Status Legend below for device type abbreviations.

Treatment Control Status Legend	
BMP Device Types:	
BIOSTP	Biofiltration Strips
BIOSWL	Biofiltration Swales
C	Under Consideration
CNTBOX	Gross Solids Removal Devices (Inclined Screen)
DETBAS	Detention Basins
DPPIA	Design Pollution Prevention Infiltration Area*
DWFD	Dry Weather Flow Diversion
E	Exempt
INDBAS	Infiltration Basins*
INDTRE	Infiltration Trench*
LNGTBE	Gross Solids Removal Devices (Linear Radial)
MCTT	Multi-Chambered Treatment Trains
MF-ADS	Austin Sand Filters
MF-DSF	Delaware Sand Filters
Other	Other (specify type)
SA	Stabilization Areas
TRCSND	Traction Sand Traps
WETBAS	Wet Basins

Table 6-3 lists the District's planned monitoring activities.

Table 6-3: District 8 Monitoring Activities

Statewide Monitoring Program Activities
The District plans to: • Continue Lake Elsinore/Canyon Lake water quality monitoring through TMDL Task Force. • Work with each RWQCB within its jurisdiction, in conjunction with the State Board and the HQ Division of Environmental Analysis, to develop monitoring plans for other applicable TMDLs in which the District is named, as appropriate for Phase I or Phase II. Review and approve sampling and analysis plans in construction for CGP Risk Level 2 and 3 projects. • Inspect maintenance activities.
ASBS Core Monitoring Sites
• District sites include the following: o None
ASBS Ocean Receiving Water and Reference Monitoring Sites
• District sites include the following: o None

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7 Region-Specific Activities

Region-specific requirements are not applicable to District 8.

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8 DWP Noncompliance and Improvements

Section 8 of the DWP identifies the deviations that occurred from the prior DWP that resulted or will result in noncompliance with the Conformed NPDES Permit or SWMP. In addition, it describes the improvements that were performed in response to the incidents of noncompliance. Table 8-1 identifies those incidents of noncompliance and the resulting improvements that District 8 implemented to address each incident.

Table 8-1: District 8 Prior DWP Noncompliance Incidents and Improvements

Summary of Noncompliance Incidents	Summary of Improvements
In fiscal year 2016-2017, there were about six permits that had administrative noncompliance incidents that were not following the Caltrans Encroachment Permits Manual, Section 406.	Informed the applicant to correct the noncompliance incidents and prepare the appropriate stormwater documents that conform to Caltrans Encroachment Permits Manual, Section 406.
On December 9, 2016, District 8 received a notice from the Santa Ana RWQCB indicating that the 2017-2018 DWP was rejected due to noncompliance under Provision E.3.b of the Caltrans MS4 Permit (Order 2012-0011-DWQ, NPDES Permit No. CAS 000003).	In a letter dated January 23, 2017, Caltrans responded to the Santa Ana RWQCB that the draft DWP would be sent to the RWQCBs for their review and comment prior to formal submittal to the SWRCB.

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